

**IN THE UNITED STATES DISTRICT COURT
FOR THE WESTERN DISTRICT OF TEXAS
WACO DIVISION**

WSOU INVESTMENTS, LLC d/b/a
BRAZOS LICENSING AND
DEVELOPMENT

Plaintiff,

v.

DELL TECHNOLOGIES INC., DELL INC.,
AND EMC CORPORATION,

Defendants.

)
)
)
) Case No. 6:20-cv-475-ADA
) Case No. 6:20-cv-477-ADA
) Case No. 6:20-cv-478-ADA
) Case No. 6:20-cv-479-ADA
)
)

**NOTICE OF SUBPOENA DIRECTED TO THIRD-PARTY WADE AND COMPANY
(INCLUDING MARC WADE)**

PLEASE TAKE NOTICE that, pursuant to Rule 45 of the Federal Rules of Civil Procedure, Defendants intend to serve the attached subpoena on Wade and Company (including Marc Wade) on or after May 27, 2021. The subpoena requests that Wade and Company (including Marc Wade) produce all documents and things requested in Appendix A to the attached subpoena. The documents and things are to be produced on or before 5:00 p.m. on June 18, 2021, or on another mutually agreeable date, at the offices of Shelton Coburn LLP, 311 Ranch Road 620 S, Suite 205, Austin, Texas 78734-4775 USA, or at another mutually agreeable location. The deposition shall be upon oral examination before an officer authorized to administer oaths and shall be recorded by audio, videographic, and/or stenographic means. The deposition will take place on one day. Defendants will take up to 7 hours of deposition testimony.

Dated: May 27, 2021

By: /s/ Barry K. Shelton

Barry K. Shelton
Texas State Bar No. 24055029
bshelton@sheltoncoburn.com
SHELTON COBURN LLP
311 RR 620, Suite 205
Austin, TX 78734-4775
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Attorney for Defendants

UNITED STATES DISTRICT COURT

for the

Western District of Texas

WSOU Investments, LLC d/b/a Brazos Licensing &

Plaintiff

Development

v.

Dell Technologies Inc., Dell Inc., and EMC

Corporation

Defendant

6:20-cv-00475

6:20-cv-00477

6:20-cv-00478

Civil Action No. 6:20-cv-00479

SUBPOENA TO TESTIFY AT A DEPOSITION IN A CIVIL ACTION

To:

Wade and Company (including Marc Wade)

(Name of person to whom this subpoena is directed)

☒ **Testimony:** YOU ARE COMMANDED to appear at the time, date, and place set forth below to testify at a deposition to be taken in this civil action. If you are an organization, you must promptly confer in good faith with the party serving this subpoena about the following matters, or those set forth in an attachment, and you must designate one or more officers, directors, or managing agents, or designate other persons who consent to testify on your behalf about these matters: See Appendix A, attached hereto.

Place: Location of deposition
to be determined.

Date and Time:

06/25/2021 9:00 am

The deposition will be recorded by this method: Stenographic and videotape

☒ **Production:** You, or your representatives, must also bring with you to the deposition the following documents, electronically stored information, or objects, and must permit inspection, copying, testing, or sampling of the material: See Appendix A, attached hereto. Please produce documents on or before June 18, 2021 to Barry Shelton, Shelton Coburn LLP, 311 Ranch Road 620 S, Suite 205, Austin, Texas 78734-4775; bshelton@sheltoncoburn.com.

The following provisions of Fed. R. Civ. P. 45 are attached – Rule 45(c), relating to the place of compliance; Rule 45(d), relating to your protection as a person subject to a subpoena; and Rule 45(e) and (g), relating to your duty to respond to this subpoena and the potential consequences of not doing so.

Date: 5/27/2021

CLERK OF COURT

OR

/s/ Barry Shelton

*Signature of Clerk or Deputy Clerk**Attorney's signature*

The name, address, e-mail address, and telephone number of the attorney representing *(name of party)* Dell Technologies Inc., Dell Inc., and EMC Corporation, who issues or requests this subpoena, are:

Barry Shelton | Shelton Coburn LLP, 311 Ranch Rd 620 S, Ste 205, Austin, Texas 78734-4775 | (512) 263-2165
bshelton@sheltoncoburn.com

Notice to the person who issues or requests this subpoena

If this subpoena commands the production of documents, electronically stored information, or tangible things before trial, a notice and a copy of the subpoena must be served on each party in this case before it is served on the person to whom it is directed. Fed. R. Civ. P. 45(a)(4).

Civil Action No. 6:20-cv-00475
6:20-cv-00477
6:20-cv-00478
6:20-cv-00479

PROOF OF SERVICE

(This section should not be filed with the court unless required by Fed. R. Civ. P. 45.)

I received this subpoena for *(name of individual and title, if any)* _____
on *(date)* _____ .

☐ I served the subpoena by delivering a copy to the named individual as follows: _____

_____ on *(date)* _____ ; or

☐ I returned the subpoena unexecuted because: _____
_____ .

Unless the subpoena was issued on behalf of the United States, or one of its officers or agents, I have also
tendered to the witness the fees for one day's attendance, and the mileage allowed by law, in the amount of
\$ _____ .

My fees are \$ _____ for travel and \$ _____ for services, for a total of \$ _____ 0.00 _____ .

I declare under penalty of perjury that this information is true.

Date: _____

Server's signature

Printed name and title

Server's address

Additional information regarding attempted service, etc.:

Federal Rule of Civil Procedure 45 (c), (d), (e), and (g) (Effective 12/1/13)

(c) Place of Compliance.

(1) For a Trial, Hearing, or Deposition. A subpoena may command a person to attend a trial, hearing, or deposition only as follows:

- (A) within 100 miles of where the person resides, is employed, or regularly transacts business in person; or
- (B) within the state where the person resides, is employed, or regularly transacts business in person, if the person
 - (i) is a party or a party's officer; or
 - (ii) is commanded to attend a trial and would not incur substantial expense.

(2) For Other Discovery. A subpoena may command:

- (A) production of documents, electronically stored information, or tangible things at a place within 100 miles of where the person resides, is employed, or regularly transacts business in person; and
- (B) inspection of premises at the premises to be inspected.

(d) Protecting a Person Subject to a Subpoena; Enforcement.

(1) Avoiding Undue Burden or Expense; Sanctions. A party or attorney responsible for issuing and serving a subpoena must take reasonable steps to avoid imposing undue burden or expense on a person subject to the subpoena. The court for the district where compliance is required must enforce this duty and impose an appropriate sanction—which may include lost earnings and reasonable attorney's fees—on a party or attorney who fails to comply.

(2) Command to Produce Materials or Permit Inspection.

(A) *Appearance Not Required.* A person commanded to produce documents, electronically stored information, or tangible things, or to permit the inspection of premises, need not appear in person at the place of production or inspection unless also commanded to appear for a deposition, hearing, or trial.

(B) *Objections.* A person commanded to produce documents or tangible things or to permit inspection may serve on the party or attorney designated in the subpoena a written objection to inspecting, copying, testing, or sampling any or all of the materials or to inspecting the premises—or to producing electronically stored information in the form or forms requested. The objection must be served before the earlier of the time specified for compliance or 14 days after the subpoena is served. If an objection is made, the following rules apply:

- (i) At any time, on notice to the commanded person, the serving party may move the court for the district where compliance is required for an order compelling production or inspection.
- (ii) These acts may be required only as directed in the order, and the order must protect a person who is neither a party nor a party's officer from significant expense resulting from compliance.

(3) Quashing or Modifying a Subpoena.

(A) *When Required.* On timely motion, the court for the district where compliance is required must quash or modify a subpoena that:

- (i) fails to allow a reasonable time to comply;
- (ii) requires a person to comply beyond the geographical limits specified in Rule 45(c);
- (iii) requires disclosure of privileged or other protected matter, if no exception or waiver applies; or
- (iv) subjects a person to undue burden.

(B) *When Permitted.* To protect a person subject to or affected by a subpoena, the court for the district where compliance is required may, on motion, quash or modify the subpoena if it requires:

(i) disclosing a trade secret or other confidential research, development, or commercial information; or

(ii) disclosing an unretained expert's opinion or information that does not describe specific occurrences in dispute and results from the expert's study that was not requested by a party.

(C) *Specifying Conditions as an Alternative.* In the circumstances described in Rule 45(d)(3)(B), the court may, instead of quashing or modifying a subpoena, order appearance or production under specified conditions if the serving party:

- (i) shows a substantial need for the testimony or material that cannot be otherwise met without undue hardship; and
- (ii) ensures that the subpoenaed person will be reasonably compensated.

(e) Duties in Responding to a Subpoena.

(1) Producing Documents or Electronically Stored Information. These procedures apply to producing documents or electronically stored information:

(A) *Documents.* A person responding to a subpoena to produce documents must produce them as they are kept in the ordinary course of business or must organize and label them to correspond to the categories in the demand.

(B) *Form for Producing Electronically Stored Information Not Specified.* If a subpoena does not specify a form for producing electronically stored information, the person responding must produce it in a form or forms in which it is ordinarily maintained or in a reasonably usable form or forms.

(C) *Electronically Stored Information Produced in Only One Form.* The person responding need not produce the same electronically stored information in more than one form.

(D) *Inaccessible Electronically Stored Information.* The person responding need not provide discovery of electronically stored information from sources that the person identifies as not reasonably accessible because of undue burden or cost. On motion to compel discovery or for a protective order, the person responding must show that the information is not reasonably accessible because of undue burden or cost. If that showing is made, the court may nonetheless order discovery from such sources if the requesting party shows good cause, considering the limitations of Rule 26(b)(2)(C). The court may specify conditions for the discovery.

(2) Claiming Privilege or Protection.

(A) *Information Withheld.* A person withholding subpoenaed information under a claim that it is privileged or subject to protection as trial-preparation material must:

- (i) expressly make the claim; and
- (ii) describe the nature of the withheld documents, communications, or tangible things in a manner that, without revealing information itself privileged or protected, will enable the parties to assess the claim.

(B) *Information Produced.* If information produced in response to a subpoena is subject to a claim of privilege or of protection as trial-preparation material, the person making the claim may notify any party that received the information of the claim and the basis for it. After being notified, a party must promptly return, sequester, or destroy the specified information and any copies it has; must not use or disclose the information until the claim is resolved; must take reasonable steps to retrieve the information if the party disclosed it before being notified; and may promptly present the information under seal to the court for the district where compliance is required for a determination of the claim. The person who produced the information must preserve the information until the claim is resolved.

(g) Contempt.

The court for the district where compliance is required—and also, after a motion is transferred, the issuing court—may hold in contempt a person who, having been served, fails without adequate excuse to obey the subpoena or an order related to it.

APPENDIX A

EXHIBIT 1

DOCUMENTS REQUESTED

Defendants Dell Technologies Inc., Dell Inc., and EMC Corporation (collectively, “Defendants”) request the production of the documents described below.

DEFINITIONS

The following definitions are applicable to terms employed in responding to this request:

1. “Accused Product” or “Accused Products” shall refer to any device, product, or other thing that Plaintiff is permitted to accuse of infringing the Asserted Patent in this Action. A copy of the Complaint in case numbers 6:20-cv-00475-ADA, 6:20-cv-00477-ADA, 6:20-cv-00478-ADA, 6:20-cv-00479-ADA is attached as Exhibit 3. In referring to any device, product, or other thing as an “Accused Product,” Defendants in no way communicate their agreement that it infringes the Asserted Patent.
2. “Action” shall refer to the above-captioned proceeding in the United States District Court for the Western District of Texas, with case numbers 6:20-cv-00475-ADA, 6:20-cv-00477-ADA, 6:20-cv-00478-ADA, 6:20-cv-00479-ADA.
3. “Asserted Claim” shall refer to each claim of the Asserted Patent that Plaintiff contends Defendants infringe.
4. “Asserted Patent(s)” shall refer individually and collectively to U.S. Patent Nos. 7,126,921; 7,453,888; 8,402,129; 8,913,489 and any patent applications related thereto.
5. “Communication” shall mean, without limitation, any written, oral, or other transmission of information, including but not limited to emails.
6. “Complaint” shall refer to the Complaint (including exhibits) that Plaintiff filed on June 2, 2020 as docket number 1 in this Action, the Amended Complaint filed on October 19, 2020, and any other amended complaints thereafter.

7. “Concerning,” “refer(s) to,” “related to,” “reflecting,” and “relating to” shall mean directly or indirectly relating to, referring to, mentioning, reflecting, pertaining to, evidencing, illustrating, involving, describing, discussing, commenting on, embodying, responding to, supporting, contradicting, or constituting (in whole or in part), as the context makes appropriate.
8. “Defendants” or “Defendant” shall refer to Dell Technologies Inc., Dell Inc., and EMC Corporation, and any and all of their then-current or prior subsidiaries, parents, affiliates, divisions, successors, predecessors, agents, employees, representatives, directors, officers, trustees, and attorneys, or any other person or entity acting in whole or in part in concert with any of the foregoing, directly or indirectly.
9. “Document” shall include, without limitation, all documents, electronically stored information, and tangible things within the scope of the Federal Rules of Civil Procedure, including Rule 34. Federal Rules of Civil Procedure 34 permits discovery of: “(A) documents or electronically stored information—including writings, drawings, graphs, charts, photographs, sound recordings, images, and other data or data compilations—stored in any medium from which information can be obtained either directly or, if necessary, after translation by the responding party into a reasonably usable form; or (B) any designated tangible things.”
10. “Earliest Priority Date” shall refer to: Mar. 20, 2002 for U.S. Pat. No. 7,126,921; August 27, 2002 for U.S. Pat. No. 7,453,888; March 21, 2001 for U.S. Pat. No. 8,402,129; August 4, 2010 for U.S. Pat. No. 8,913,489.
11. “Employee” shall refer to any officer, director, partner, employee, representative, or agent.

12. “Licensee(s)” shall refer to any entity having a license, assignment, covenant not to sue, or other understanding, written, oral or implied, that the entity has any rights to the Asserted Patent, any Related Patents, or any Related Applications, may practice one or more claims of the Asserted Patent and/or that Plaintiff will not file suit or otherwise enforce against that entity one or more claims of the Asserted Patent or any Related Patent or Related Application.
13. “Named Inventor” shall refer to any individual who is listed as an inventor on the Asserted Patent or any Related Patent or Related Application thereof.
14. “Person” shall refer to any natural person, firm, association, partnership, government agency, corporation, proprietorship, or other entity and its officers, directors, partners, employee, representatives, and agents.
15. The terms “Plaintiff,” and/or “WSOU” shall refer to the responding Plaintiff WSOU Investments, LLC d/b/a Brazos Licensing and Development, and any and all of its then-current or prior subsidiaries, parents, affiliates, divisions, successors, predecessors, agents, employees, representatives, directors, officers, trustees, and attorneys, or any other person or entity acting in whole or in part in concert with any of the foregoing, directly or indirectly.
16. “Prior Art” encompasses, without limitation, the subject matter described in each and every subdivision of 35 U.S.C. §§ 102 and 103, and includes, but is not limited to, memoranda, notes, manuals, interviews, testing data, disclosures, prototypes, correspondence, drawings, papers, articles, patents, printed publications, public uses, demonstrations, offers for sale or license, and sales.

17. “Product(s)” means a machine, manufacture, apparatus, device, instrument, mechanism, appliance, software, service, process, or an assemblage of components/parts (either individually or collectively) that are designed to function together electronically, mechanically, or otherwise, including any offered for sale or under development.
18. “Related Application(s)” means any and all applications related to the Asserted Patent, including any provisional or non-provisional applications, continuations, continuations-in-part, divisions, interferences, reexaminations, re-issues, parents, foreign counterpart applications, and any other applications disclosing, describing or claiming any invention disclosed, described or claimed in the Asserted Patent, or claiming the benefit of the filing date of any application whose benefit is claimed in the Asserted Patent, whether or not abandoned and whether or not issued.
19. “Related Patent(s)” means any and all U.S. or foreign patents based upon or related to any Related Application(s) or Asserted Patent, including any patents or applications that may have been opposed, reexamined, re-issued or subjected to any validity or nullity proceeding.
20. “Third Party” shall refer to any person other than Plaintiff or Defendants.
21. “You,” “Your,” “Yours” shall refer to Wade and Company (including Marc Wade), and any and all of its then-current or prior subsidiaries, parents, affiliates, divisions, successors, predecessors, agents, employees, representatives, directors, officers, trustees, and attorneys, or any other person or entity acting in whole or in part in concert with any of the foregoing, directly or indirectly.
22. Any pronouns shall be construed to refer to the masculine, feminine, or neutral gender, in singular or plural, as in each case is most appropriate.

23. The singular form of any word shall be construed to also include the plural, and vice-versa.
24. The word “each” shall be construed to mean “each and every.”
25. The words “and” and “or” shall be construed conjunctively or disjunctively, whichever makes the request more inclusive.
26. The words “any” and “all” shall be construed to mean “any and all.”

INSTRUCTIONS

1. In responding to the document requests set forth below, please furnish all responsive and non-privileged information that is available to You.
2. If production of any responsive Documents are being withheld on the ground of the attorney-client privilege, attorney work product, or any other privilege, immunity, or protection, please provide a privilege log with the following information for each such Document: (a) the name of the Document; (b) the name of the person(s) who prepared the Document; (c) the name of the person(s) to whom the Document was directed or circulated; (d) the date(s) on which the Document was prepared or transmitted; (e) the name of the person(s) now in possession of the Document; (f) a description of the subject matter of the Document; and (g) the specific nature of the privilege or protection claimed with respect to the Document.
3. The Court’s interim protective order in the Order Governing Proceedings shall govern the disclosure of confidential information in this Action. *See* Exhibit 4 at pp. 3–4.
4. Upon entry of a final protective order in this matter that protective order shall govern the disclosure of confidential information in this Action.

DOCUMENT REQUESTS

1. Documents and Communications concerning the preparation, filing, or

prosecution of any of the patent applications related to the Asserted Patent. This includes, but is not limited to:

- a. A complete copy of the prosecution history and prosecution files for the Asserted Patent;
- b. Drafts of the patent applications, drawings, and documents in the possession, custody, or control of You or any attorney or agent involved in the prosecution of the Asserted Patent, except to the extent these documents are entitled to attorney-client privilege or work product protection;
- c. Patents, patent applications, or other publications reviewed in connection with the prosecution by anyone who participated in the prosecution of the Asserted Patent;
- d. Prior Art cited or considered in connection with the prosecution of the Asserted Patent;
- e. Internal memoranda and internal Communications regarding the prosecution of the Asserted Patent; and
- f. Documents referring or relating to or evidencing any decision by You, on Your behalf, or that You are aware of regarding what documents (including without limitation patents or printed publications) to cite during prosecution of the Asserted Patent.

2. Documents and Communications concerning the preparation, filing, or prosecution of any of the patent applications related to Related Patents and Related Applications.

This includes, but is not limited to:

- a. A complete copy of the prosecution histories and prosecution files for any Related Patents and Related Applications;
- b. Drafts of patent applications, drawings, and documents in the possession, custody, or control of You or any attorney or agent involved in the prosecution of any Related Patents or Related Applications, except to the extent these documents are entitled to attorney-client privilege or work product protection;
- c. Patents, patent applications, or other publications reviewed in connection with the prosecution by anyone who participated in the prosecution of any Related Patents or Related Applications;
- d. Prior Art cited or considered in connection with the prosecution of any Related Patents or Related Applications;
- e. Internal memoranda and internal Communications regarding the prosecution of any Related Patents or Related Applications; and
- f. Documents referring or relating to or evidencing any decision by You, on Your behalf, or that You are aware of regarding what documents (including without limitation patents or printed publications) to cite during prosecution of any Related Patents or Related Applications.

3. Documents and Communications concerning the preparation, filing, or prosecution of any of the patent applications related to U.S. Pat. App. No. 10/227,872.¹ This includes, but is not limited to:

¹ U.S. Pat. App. No. 10/227,872 is a related application to the '888 patent that forms the basis for an improper inventorship defense.

- a. A complete copy of the prosecution history and prosecution files for U.S. Pat. App. No. 10/227,872;
- b. Drafts of the patent applications, drawings, and documents in the possession, custody, or control of You or any attorney or agent involved in the prosecution of U.S. Pat. App. No. 10/227,872, except to the extent these documents are entitled to attorney-client privilege or work product protection;
- c. Patents, patent applications, or other publications reviewed in connection with the prosecution by anyone who participated in the prosecution of U.S. Pat. App. No. 10/227,872;
- d. Prior Art cited or considered in connection with the prosecution of U.S. Pat. App. No. 10/227,872;
- e. Internal memoranda and internal Communications regarding the prosecution of U.S. Pat. App. No. 10/227,872; and
- f. Documents referring or relating to or evidencing any decision by You, on Your behalf, or that You are aware of regarding what documents (including without limitation patents or printed publications) to cite during prosecution of U.S. Pat. App. No. 10/227,872.

4. Documents and Communications concerning the conception, diligence, research, testing, design, development, and reduction to practice (actual or constructive), or any other development of any element and/or limitation of any of the inventions described and/or claimed in the U.S. Pat. App. No. 10/227,872, covering the period of alleged conception of each invention through the last action taken by, or on behalf of any inventor or any assignee in connection with

the prosecution of the Asserted Patent or any Related Patent or Related Application. This includes, but is not limited to:

- a. Communications, studies, comparisons, reports, surveys, evaluations, opinions, or memorandums regarding the conception, testing, development, and reduction to practice of the subject matter described and/or claimed in U.S. Pat. App. No. 10/227,872;
- b. Statements (whether written, recorded, or otherwise made), articles, abstracts, publications, Product literature, or other papers (including, but not limited to, internal technical memoranda) made by any of the Named Inventors relating to the subject matter described and/or claimed in U.S. Pat. App. No. 10/227,872;
- c. Laboratory notebooks, technical files, diaries, appointment calendars, and trip reports, in complete unredacted form, of the Named Inventors of, or referring to subject matter described and/or claimed in U.S. Pat. App. No. 10/227,872; and
- d. Documents relating to the identity of or concerning the contribution of any Person (whether or not named as an inventor), in any way, to the conception, research, testing, design, and reduction to practice (actual or constructive), or any other development of any element and/or limitation of any of the inventions described and/or claimed in U.S. Pat. App. No. 10/227,872.

5. Documents and Communications related to each effort by You, on Your behalf, or that You are aware of to obtain patent protection, in the United States or in the countries

designated in the PCT application for the Asserted Patent, for the subject matter described and/or claimed in the Asserted Patent, covering the period from the Earliest Priority Date through the date of the last action taken by, or on behalf of, any inventor or any assignee in connection with the prosecution of the Asserted Patent or any Related Patent or Related Application.

6. Communications, studies, comparisons, reports, surveys, evaluations, opinions, or memorandums regarding the conception of the subject matter described and/or claimed in the Asserted Patent, prior to the Earliest Priority Date.

7. Communications, studies, comparisons, reports, surveys, evaluations, opinions, or memorandums regarding the conception of the subject matter described and/or claimed in U.S. Pat. App. No. 10/227,872 or any Related Patents or Related Applications.

8. Communications, studies, comparisons, reports, surveys, evaluations, opinions, or memorandums regarding the testing, design, and development of the subject matter described and/or claimed in the Asserted Patent, prior to the date of the last action taken by, or on behalf of, any inventor or any assignee in connection with the prosecution of the Asserted Patent, U.S. Pat. App. No. 10/227,872, or any Related Patent or Related Application.

9. Communications, studies, comparisons, reports, surveys, evaluations, opinions, or memorandums regarding the reduction to practice of the subject matter described and/or claimed in the Asserted Patent, prior to the date of the last action taken by, or on behalf of, any inventor or any assignee in connection with the prosecution of the Asserted Patent, U.S. Pat. App. No. 10/227,872, or any Related Patent or Related Application.

10. Statements, articles, abstracts, publications, and Product literature made by, or under the direction of, any of the Named Inventors concerning the subject matter described and/or claimed in the Asserted Patent, prior to the date of the last action taken by, or on behalf of, any

inventor or any assignee in connection with the prosecution of the Asserted Patent, U.S. Pat. App. No. 10/227,872, or any Related Patent or Related Application.

11. Laboratory notebooks, technical memoranda, technical files, diaries, appointment calendars, and trip reports, in complete unredacted form, of the Named Inventors, or made under the direction of the Named Inventors, concerning the subject matter described and/or claimed in the Asserted Patent, prior to the date of the last action taken by, or on behalf of, any inventor or any assignee in connection with the prosecution of the Asserted Patent, U.S. Pat. App. No. 10/227,872, or any Related Patent or Related Application.

12. Documents sufficient to identify any Person (whether or not named as an inventor) involved in the conception, research, testing, design, development, and reduction to practice of any element of any of the inventions described and/or claimed in the Asserted Patent, and to understand their role, prior to the date of the last action taken by, or on behalf of, any inventor or any assignee in connection with the prosecution of the Asserted Patent or any Related Patent or Related Application.

13. Documents sufficient to identify any Person (whether or not named as an inventor) involved in the conception, research, testing, design, development, and reduction to practice of any element of any of the inventions described and/or claimed in U.S. Pat. App. No. 10/227,872, and to understand their role, prior to the date of the last action taken by, or on behalf of, any inventor or any assignee in connection with the prosecution of the Asserted Patent or any Related Patent or Related Application.

14. Communications, studies, comparisons, reports, surveys, evaluations, opinions, or memorandums that concern or show the structure, functions, or operation of, or that constitute embodiments of, any invention disclosed or claimed in the Asserted Patent, regardless of whether

such embodiment was commercialized, and regardless of whether or not it worked properly, from the Earliest Priority Date to the present.

15. Communications, studies, comparisons, reports, surveys, evaluations, opinions, or memorandums that concern or show the structure, functions, or operation of, or that constitute embodiments of, any invention disclosed or claimed in the U.S. Pat. App. No. 10/227,872, regardless of whether such embodiment was commercialized, and regardless of whether or not it worked properly, from the Earliest Priority Date to the present.

16. Documents and Communications relating to Your assignment policies with inventors applicable to the invention described and/or claimed in the Asserted Patent. This includes but is not limited to:

- a. Assignment agreements with the inventors of the inventions described and/or claimed in the Asserted Patent;
- b. Cost-sharing or profit-sharing agreements with the inventors of the inventions described and/or claimed in the Asserted Patent; and
- c. Remuneration agreements with inventors of the inventions described and/or claimed in the Asserted Patent.

17. Communications, studies, comparisons, reports, surveys, evaluations, opinions, or memorandums concerning any of the following activities with regard to the subject matter described and/or claimed in the Asserted Patent:

- a. First written description and/or drawing of such subject matter;
- b. First publication of such subject matter;
- c. First promotion of such subject matter;

- d. First advertisement of such subject matter;
- e. First offer for sale of such subject matter;
- f. First sale of such subject matter;
- g. First public disclosure of such subject matter;
- h. First public use of such subject matter; and
- i. Experimental uses or alleged experimental uses of such subject matter.

18. Documents concerning the making, using, testing, selling, or disclosure, anywhere in the world, of any embodiment described and/or claimed in the Asserted Patent, or any Product, process, equipment, or service embodying or using such invention, prior to the Earliest Priority Date.

19. Documents relating to any Prior Art search performed by You, on Your behalf, or that You are aware of, relating to the Asserted Patent, including, but not limited to, any search methodology or results, prior to the date You transferred ownership of the Asserted Patent.

20. Documents relating to any Prior Art search performed by You, on Your behalf, or that You are aware of, relating to any Related Patent or Related Application (including, but not limited to, any search methodology or results), prior to the date You transferred ownership of the Asserted Patent.

21. Communications, studies, comparisons, reports, surveys, evaluations, opinions, or memorandums regarding whether any claim in the Asserted Patent is invalid, valid, enforceable, or unenforceable (including any Prior Art or alleged Prior Art), prior to the date You transferred ownership of the Asserted Patent.

22. Documents that concern the commercial success (a secondary consideration

regarding obviousness of the Asserted Patent as considered under 35 U.S.C. § 103) of any Product, process, equipment, or service that has a nexus to any invention claimed in the Asserted Patent (i.e., the Product, process, equipment, or service is “essentially the claimed invention”²), from the Earliest Priority Date to the date You transferred ownership of the Asserted Patent.

23. Documents that concern any copying by others (a secondary consideration regarding obviousness of the Asserted Patent as considered under 35 U.S.C. § 103) of any invention claimed in the Asserted Patent, or of any Product, process, equipment, or service that embodies or uses such invention, from the Earliest Priority Date to the date You transferred ownership of the Asserted Patent.

24. Documents that concern any third party’s praise, criticism, acknowledgments, awards, or discussion of the significance (a secondary consideration regarding obviousness of the Asserted Patent as considered under 35 U.S.C. § 103) of any invention claimed in the Asserted Patent, or of any Product, process, equipment, or service that embodies or uses such invention, from the Earliest Priority Date to the date You transferred ownership of the Asserted Patent.

25. Communications (or Documents relating thereto) between You and Plaintiff, from the Earliest Priority Date to the present, relating to:

- a. The Asserted Patent, Related Patents, Related Applications, or any inventions disclosed therein;
 - b. This Action (including, without limitation, the initiation of this Action and the actual or anticipated costs, profits, and outcome of this Action);
- and

² *Fox Factory, Inc. v. SRAM, LLC*, 944 F.3d 1366, 1374 (Fed. Cir. 2019).

- c. Any Defendant, any of Defendants' technology, or any of the Accused Products.

26. Communications (or Documents relating thereto) between You and any of the Named Inventors, from the Earliest Priority Date to the present, relating to:

- a. The Asserted Patent, Related Patents, Related Applications, or any inventions disclosed therein;
- b. This Action (including, without limitation, the initiation of this Action and the actual or anticipated costs, profits, and outcome of this Action); and
- c. Any Defendant, any of Defendants' technology, or any of the Accused Products.

27. Negotiations, agreements, draft agreements between You and Plaintiff, from the Earliest Priority Date to the present, relating to:

- a. The Asserted Patent, Related Patents, Related Applications, or any inventions disclosed therein;
- b. This Action (including, the initiation of this Action and the actual or anticipated costs, profits, and outcome of this Action); or
- c. Any Defendant, any of Defendants' technology, or any of the Accused Products.

28. Negotiations, agreements, draft agreements between You and any Named Inventor, from the Earliest Priority Date to the present, relating to:

- a. The Asserted Patent, Related Patents, Related Applications, or any

inventions disclosed therein;

- b. This Action (including the initiation of this Action and the actual or anticipated costs, profits, and outcome of this Action); or
- c. Any Defendant, any of Defendants' technology, or any of the Accused Products.

29. Documents and Communications concerning any statement, concern, or contention by You, any Named Inventor, or any person involved in the prosecution of the Asserted Patent, regarding the scope of any of the claims or the interpretation or construction of any term or phrase in the claims of the Asserted Patent, prior to the date You transferred ownership of the Asserted Patent.

30. Documents concerning the alleged infringement of any of the claims of the Asserted Patent, including studies, comparisons, reports, surveys, and any evaluation, opinion, memorandum, or report, comparing any of the Accused Products or any portion, feature, and/or aspect thereof to any limitation in any claim of the Asserted Patent, prior to the date You transferred ownership of the Asserted Patent, except to the extent these documents are entitled to attorney-client privilege or work product protection.

31. Documents and Communications concerning any decision to pursue or not to pursue a claim infringement of the Asserted Patent against any Defendant, from the Earliest Priority Date to the date You transferred ownership of the Asserted Patent, except to the extent these documents are entitled to attorney-client privilege or work product protection.

32. Documents and Communications concerning any decision to pursue or not to pursue a claim infringement of any Related Patent against any Defendant, from the Earliest Priority Date to the date You transferred ownership of the Asserted Patent, except to the extent

these documents are entitled to attorney-client privilege or work product protection.

33. Documents comprising or memorializing any sworn statements, including affidavits, declarations, trial and deposition testimony related to the subject matter of the Asserted Patent, by any of the Named Inventors or any person involved in the prosecution of the Asserted Patent.

34. Documents comprising or memorializing any sworn statements, including affidavits, declarations, trial and deposition testimony related to the subject matter of any Related Patents or Related Applications, by any of the Named Inventors or any person involved in the prosecution of the Asserted Patent.

35. Documents and Communications, relating to or concerning the assignment, licensing, acquisition, financial interest, security interest, sale, transfer of rights (in whole or in part), or any other disposition of, or any offers to buy, sell, or license the Asserted Patent or any Related Patents or Related Applications. This includes, but is not limited to:

- a. Offers to buy, sell, or license, agreements granting rights, assignments, licenses, covenants, royalties, settlements, agreements releasing any third party from liability for infringement, and covenants not to sue, involving or concerning the Asserted Patent, Related Patents, or Related Applications;
- b. Negotiations, discussions, or other Communications relating to the Documents referenced in sub-paragraph a; and
- c. Communications (or documents relating thereto) between You and any potential Licensee or purchaser of the Asserted Patent, Related Patents or Related Applications.

36. Documents and Communications concerning or relating to any right, title, or interest in any litigation or action involving any of the Asserted Patent, including analyses or opinions related thereto.

37. Documents and Communications concerning or relating to any right, title, or interest in any litigation or action involving any of Related Patents or Related Applications, including analyses or opinions related thereto.

38. Studies, comparisons, reports, surveys, evaluations, opinions, or memorandums, regarding ownership of the Asserted Patent, from the Earliest Priority Date to the date You transferred ownership of the Asserted Patent.

39. Studies, comparisons, reports, surveys, evaluations, opinions, or memorandums, regarding any standstills involving or concerning the Asserted Patent, from the Earliest Priority Date to the date You transferred ownership of the Asserted Patent.

40. Studies, comparisons, reports, surveys, evaluations, opinions, or memorandums, regarding sales, royalties, covenants, or licenses involving or concerning the Asserted Patent, from the Earliest Priority Date to the date You transferred ownership of the Asserted Patent.

41. Documents and Communications concerning any business plans, marketing plans, marketing efforts, advertising plans, advertising efforts, promotional programs, or offers to buy, sell, or license, involving or concerning the Asserted Patent, from the Earliest Priority Date to the date You transferred ownership of the Asserted Patent.

42. Studies, comparisons, reports, surveys, evaluations, opinions, or memorandums, regarding ownership of Related Patents or Related Applications, from the Earliest Priority Date to the date You transferred ownership of the Asserted Patent.

43. Studies, comparisons, reports, surveys, evaluations, opinions, or memorandums,

regarding any standstills involving or concerning Related Patents or Related Applications, from the Earliest Priority Date to the date You transferred ownership of the Asserted Patent.

44. Studies, comparisons, reports, surveys, evaluations, opinions, or memorandums, regarding sales, royalties, covenants, or licenses involving or concerning Related Patents or Related Applications, from the Earliest Priority Date to the date You transferred ownership of the Asserted Patent.

45. Documents and Communications concerning any business plans, marketing plans, marketing efforts, advertising plans, advertising efforts, promotional programs, or offers to buy, sell, or license, involving or concerning Related Patents or Related Applications, from the Earliest Priority Date to the date You transferred ownership of the Asserted Patent.

46. Documents and Communications concerning any budgets, forecasts, revenues, licensing strategies, projections, costs, sales, expenses, margins, profits (including gross and net profits), or any other means for generating revenue from any Product, process, equipment, or service that You allege or believe embodies any claim of the Asserted Patent, from the Earliest Priority Date to present.

47. Documents related to the relationship between You and any potential or actual Licensees regarding the Asserted Patent, including agreements and draft agreements with such potential Licensees, Communications with such potential Licensees, and Documents exchanged with such potential Licensees that relate to such patents.

48. Documents related to the relationship between You and potential or actual Licensees regarding the Related Patents or Related Applications, including agreements and draft agreements with such potential Licensees, Communications with such potential Licensees, and Documents exchanged with such potential Licensees that relate to such patents.

49. Documents reflecting any analyses or projections regarding the financial impact and duration thereof on You or any other assignee or Licensee due to the alleged infringement of the Asserted Patent, from the Earliest Priority Date to the date You transferred ownership of the Asserted Patent.

50. Valuations of the Asserted Patent (either alone, or together with other patents or consideration, including as part of an intellectual property portfolio), from the Earliest Priority Date to the date You transferred ownership of the Asserted Patent.

51. Valuations of the Related Patents or Related Applications (either alone, or together with other patents or consideration, including as part of an intellectual property portfolio), from the Earliest Priority Date to the date You transferred ownership of the Asserted Patent.

52. Documents and Communications concerning or relating to an appraisal or valuation of any license, covenant, royalty, technology transfer, or authorization-to-use agreement that relates to the Asserted Patent, including appraisals or valuations performed for tax purposes, from the Earliest Priority Date to the date You transferred ownership of the Asserted Patent.

53. Documents and Communications concerning or relating to any right, title, or interest in any litigation or action involving any of the Asserted Patent, Related Patents, or Related Applications, including analyses or opinions related thereto, from the Earliest Priority Date to the date You transferred ownership of the Asserted Patent.

54. Documents sufficient to identify any licensing policy that You may have, including without limitation policies and practices relating to taking or granting licenses, relating to any of the Asserted Patent, Related Patents, or Related Applications.

55. Documents and Communications concerning whether You and/or Your Licensees

have complied with the marking or notice provisions of 35 U.S.C. § 287(a) with respect to the Asserted Patent, including but not limited to one copy or sample of each and every Product and/or package or other material on which the patent number of the Asserted Patent has been or are marked.

56. Documents sufficient to identify, and to show the design, operation, or functioning of, any commercially acceptable, non-infringing (potential or actual) alternative to the subject matter claimed in the Asserted Patent.

57. Documents sufficient to identify, and to show the design, operation, or functioning of any technically acceptable, non-infringing (potential or actual) alternative to the subject matter claimed in the Asserted Patent.

58. Documents sufficient to identify the nature and scope of any rights in the Asserted Patent that You have obtained and/or retained at any time, including, without limitation, any right to control litigation, future royalties, payments for licenses of the Asserted Patent, or payments relating to or resulting from the outcome of any litigation involving or relating to the Asserted Patent (including without limitation the Action).

59. Documents and Communications You exchanged with any trade associations, standards setting organizations, or industry working groups, relating to the Asserted Patent, or the inventions disclosed therein, from the Earliest Priority Date to the present. This includes but is not limited to:

- a. Communications with trade associations, standards setting organizations, or industry trade groups relating to the Asserted Patent, or the inventions disclosed therein;
- b. Technical and non-technical submissions to trade associations, standards

setting organizations, or industry trade groups relating to the Asserted Patent, or the inventions disclosed therein;

- c. Intellectual property declarations to any trade associations, standards setting organizations, or industry trade groups relating to the Asserted Patent, or the inventions disclosed therein; and
- d. Documents related to trade associations, standards setting organizations, or industry trade groups meetings (including working group meetings) where the subject matter described and/or claimed in the Asserted Patent was discussed.

60. Documents and Communications You exchanged with any trade associations, standards setting organizations, or industry working groups, relating to U.S. Pat. App. No. 10/227,872, Related Patents, or Related Applications, or the inventions disclosed therein, from the Earliest Priority Date to the present. This includes but is not limited to:

- a. Communications with trade associations, standards setting organizations, or industry trade groups relating to U.S. Pat. App. No. 10/227,872, Related Patents, or Related Applications, or the inventions disclosed therein;
- b. Technical and non-technical submissions to trade associations, standards setting organizations, or industry trade groups relating to U.S. Pat. App. No. 10/227,872, Related Patents, or Related Applications, or the inventions disclosed therein;
- c. Intellectual property declarations to any trade associations, standards setting organizations, or industry trade groups relating to U.S. Pat. App.

No. 10/227,872, Related Patents, or Related Applications, or the inventions disclosed therein; and

- d. Documents related to trade associations, standards setting organizations, or industry trade groups meetings (including working group meetings) where the subject matter described and/or claimed in U.S. Pat. App. No. 10/227,872 or Related Patents was discussed.

61. Documents (including without limitation correspondence, notes, meeting minutes, proposals, statements, and other Communications) regarding what constitutes Fair Reasonable and Non-Discriminatory (“FRAND”) or Reasonable and Non-Discriminatory (“RAND”) terms relating to patent licensing in the technical space related to the subject matter of the Asserted Claims.

62. Documents sufficient to identify all sections and/or subsection of any standard or draft standard to which You believe the Asserted Patent are essential.

63. Documents sufficient to identify all sections and/or subsection of any standard or draft standard to which You believe the Asserted Patent is relevant to.

64. Agreements that You have concerning patents declared essential to or any standard related to the subject matter of the Asserted Patent, such as standards maintained by the Institute of Electrical and Electronics Engineers, Internet Engineering Task Force, and the European Telecommunications Standards Institute.

65. Agreements that You have concerning patents that You contend are relevant to standards related to the subject matter of the Asserted Patent, such as standards maintained by the Institute of Electrical and Electronics Engineers, Internet Engineering Task Force, and the European Telecommunications Standards Institute.

66. Documents sufficient to identify patents of which You are aware that have been contented to be essential to, or relevant to, standards or draft standard for which the Asserted Patent has been contented to be essential to, or relevant to, such as standards maintained by the Institute of Electrical and Electronics Engineers, Internet Engineering Task Force, and the European Telecommunications Standards Institute.

67. Documents sufficient to show Your past and present electronic data and Document destruction and retention policies with respect to the Documents produced in response to the above requests.

EXHIBIT 2

ORAL EXAMINATION TOPICS REQUESTED

Defendants Dell Technologies Inc., Dell Inc., and EMC Corporation (collectively, “Defendants”) seek to ask questions on topics described below.

DEFINITIONS

The following definitions are applicable to terms employed in responding to this request:

1. “Accused Product” or “Accused Products” shall refer to any device, product, or other thing that Plaintiff is permitted to accuse of infringing the Asserted Patent in this Action. A copy of the Complaint in case numbers 6:20-cv-00475-ADA, 6:20-cv-00477-ADA, 6:20-cv-00478-ADA, 6:20-cv-00479-ADA is attached as Exhibit 3. In referring to any device, product, or other thing as an “Accused Product,” Defendants in no way communicate their agreement that it infringes the Asserted Patent.
2. “Action” shall refer to the above-captioned proceeding in the United States District Court for the Western District of Texas, with case numbers 6:20-cv-00475-ADA, 6:20-cv-00477-ADA, 6:20-cv-00478-ADA, 6:20-cv-00479-ADA.
3. “Asserted Claim” shall refer to each claim of the Asserted Patent that Plaintiff contends Defendants infringe.
4. “Asserted Patent” shall refer to U.S. Patent Nos. 7,126,921; 7,453,888; 8,402,129; 8,913,489 and any patent applications related thereto.
5. “Communication” shall mean, without limitation, any written, oral, or other transmission of information, including but not limited to emails.
6. “Complaint” shall refer to the Complaint (including exhibits) that Plaintiff filed on June 2, 2020 as docket number 1 in this Action, the Amended Complaint filed on October 19, 2020, and any other amended complaints thereafter.

7. “Concerning,” “refer(s) to,” “related to,” “reflecting,” and “relating to” shall mean directly or indirectly relating to, referring to, mentioning, reflecting, pertaining to, evidencing, illustrating, involving, describing, discussing, commenting on, embodying, responding to, supporting, contradicting, or constituting (in whole or in part), as the context makes appropriate.
8. “Defendants” or “Defendant” shall refer to Dell Technologies Inc., Dell Inc., and EMC Corporation, and any and all of their then-current or prior subsidiaries, parents, affiliates, divisions, successors, predecessors, agents, employees, representatives, directors, officers, trustees, and attorneys, or any other person or entity acting in whole or in part in concert with any of the foregoing, directly or indirectly.
9. “Document” shall include, without limitation, all documents, electronically stored information, and tangible things within the scope of the Federal Rules of Civil Procedure, including Rule 34. Federal Rules of Civil Procedure 34 permits discovery of: “(A) documents or electronically stored information—including writings, drawings, graphs, charts, photographs, sound recordings, images, and other data or data compilations—stored in any medium from which information can be obtained either directly or, if necessary, after translation by the responding party into a reasonably usable form; or (B) any designated tangible things.”
10. “Earliest Priority Date” shall refer to: Mar. 20, 2002 for U.S. Pat. No. 7,126,921; August 27, 2002 for U.S. Pat. No. 7,453,888; March 21, 2001 for U.S. Pat. No. 8,402,129; August 4, 2010 for U.S. Pat. No. 8,913,489.
11. “Employee” shall refer to any officer, director, partner, employee, representative, or agent.

12. “Licensee(s)” shall refer to any entity having a license, assignment, covenant not to sue, or other understanding, written, oral or implied, that the entity has any rights to the Asserted Patent, any Related Patents, or any Related Applications, may practice one or more claims of the Asserted Patent and/or that Plaintiff will not file suit or otherwise enforce against that entity one or more claims of the Asserted Patent or any Related Patent or Related Application.
13. “Named Inventor” shall refer to any individual who is listed as an inventor on the Asserted Patent or any Related Patent or Related Application thereof.
14. “Person” shall refer to any natural person, firm, association, partnership, government agency, corporation, proprietorship, or other entity and its officers, directors, partners, employee, representatives, and agents.
15. The terms “Plaintiff,” and/or “WSOU” shall refer to the responding Plaintiff WSOU Investments, LLC d/b/a Brazos Licensing and Development, and any and all of its then-current or prior subsidiaries, parents, affiliates, divisions, successors, predecessors, agents, employees, representatives, directors, officers, trustees, and attorneys, or any other person or entity acting in whole or in part in concert with any of the foregoing, directly or indirectly.
16. “Prior Art” encompasses, without limitation, the subject matter described in each and every subdivision of 35 U.S.C. §§ 102 and 103, and includes, but is not limited to, memoranda, notes, manuals, interviews, testing data, disclosures, prototypes, correspondence, drawings, papers, articles, patents, printed publications, public uses, demonstrations, offers for sale or license, and sales.

17. “Product(s)” means a machine, manufacture, apparatus, device, instrument, mechanism, appliance, software, service, process, or an assemblage of components/parts (either individually or collectively) that are designed to function together electronically, mechanically, or otherwise, including any offered for sale or under development.
18. “Related Application(s)” means any and all applications related to the Asserted Patent, including any provisional or non-provisional applications, continuations, continuations-in-part, divisions, interferences, reexaminations, re-issues, parents, foreign counterpart applications, and any other applications disclosing, describing or claiming any invention disclosed, described or claimed in the Asserted Patent, or claiming the benefit of the filing date of any application whose benefit is claimed in the Asserted Patent, whether or not abandoned and whether or not issued.
19. “Related Patent(s)” means any and all U.S. or foreign patents based upon or related to any Related Application(s) or Asserted Patent, including any patents or applications that may have been opposed, reexamined, re-issued or subjected to any validity or nullity proceeding.
20. “Third Party” shall refer to any person other than Plaintiff or Defendants.
21. “You,” “Your,” “Yours” shall refer to Wade and Company (including Marc Wade), and any and all of its then-current or prior subsidiaries, parents, affiliates, divisions, successors, predecessors, agents, employees, representatives, directors, officers, trustees, and attorneys, or any other person or entity acting in whole or in part in concert with any of the foregoing, directly or indirectly.
22. Any pronouns shall be construed to refer to the masculine, feminine, or neutral gender, in singular or plural, as in each case is most appropriate.

23. The singular form of any word shall be construed to also include the plural, and vice-versa.
24. The word “each” shall be construed to mean “each and every.”
25. The words “and” and “or” shall be construed conjunctively or disjunctively, whichever makes the request more inclusive.
26. The words “any” and “all” shall be construed to mean “any and all.”

INSTRUCTIONS

1. This request seeks disclosure to the full extent of the Federal Rules of Civil Procedure and shall be interpreted as inclusive rather than exclusive.
2. It is Your duty in responding to this request to designate one or more officers, directors, managing agents, or other Persons who are the most knowledgeable with respect to the topics identified below.

DEPOSITION TOPICS

1. The alleged invention(s) claimed in each Asserted Claim, and the alleged benefits, advantages, disadvantages or limitations of those alleged invention(s) as compared to the state of the art at the time of filing, and the factual bases thereof.

2. The inventorship of each Asserted Claim, including identification of any individuals other than the Named Inventors who aided or participated in the conception, reduction to practice, or diligence toward reduction to practice of the subject matter of the Asserted Claims.

3. The role of each Named Inventor, as well as any individual identified pursuant to Topic No. 2, in the alleged invention of each Asserted Claim, including conception, diligence and reduction to practice, and including the subject matter to which each Person contributed, and the dates and circumstances in which each Named Inventor, as well as any individual identified pursuant to Topic No. 2, made such contributions.

4. The conception, reduction to practice, and diligence toward the reduction to practice of each Asserted Claim, and any corroboration thereof.

5. The dates and circumstances concerning any first disclosure, demonstration, sale or offer for sale of any prototype or commercial embodiment of any of the inventions claimed in the Asserted Claims, and the identification and subject matter of any documents relating to or referring to each such activity.

6. The past and current ownership of the Asserted Patent, including its chain of title.

7. The preparation and prosecution of the applications relating to the Asserted Patent, any Related Patents, Related Applications, and patents and applications incorporated by reference into the Asserted Patent, and any certificates of correction.

8. The state of the art at the time of filing for the Asserted Patent, and Your knowledge thereof.

9. Any facts, studies, investigations, information, documents (including Prior Art), and analyses You identified, received, or knew at any time relating to the alleged validity, enforceability, infringement, valuation, or priority dates of the Asserted Patent, Related Patents, Related Applications, or patents and applications incorporated by reference into the Asserted Patent, including any Communications with third parties relating to the foregoing.

10. Any facts, studies, investigations, information, documents, and analyses regarding the structure, functions, development of, or operation of, or that constitute embodiments of, any alleged invention disclosed or claimed in the Asserted Patent, regardless of whether such embodiment was commercialized, and regardless of whether or not it worked properly.

11. Any attempts to sell or otherwise transfer financial interests in the Asserted Patent, any portfolio of patents containing the Asserted Patent, or any patents related to the subject matter of the Asserted Claims.

12. The timing and circumstances related to Your first knowledge or awareness of any alleged infringement of the Asserted Patent by each of the Defendants.

13. Any decision to pursue or not to pursue any claim of infringement of any of the claims of the Asserted Patent against any Defendant.

14. Any efforts by You, any predecessor-in-interest of the Asserted Patent, or any other Person to enforce or license the Asserted Patent, or any portfolio of patents containing the Asserted Patent, or any patents related to the subject matter of the Asserted Claims.

15. Your policies and practices concerning patent agreements (including licensing), including:

- a. any written licensing policies or best practices;
- b. any most favored Licensee;
- c. the economic and technical factors considered by You in drafting and entering into any license, royalty, standstill, partnership, joint venture, vendor, or settlement agreements;
- d. any standard or preferred terms for license, royalty, standstill or settlement agreements;
- e. the process by which You determine the nature, scope and terms of license agreements in which You are a licensor; and
- f. any circumstance in which You deviated from such policies.

16. Your knowledge of, and participation in, any Communications between Plaintiff and Defendants prior to the filing of the Action.

17. Any Communications related to Plaintiff, including communications related to licensing of any patents related the subject matter of the Asserted Claims (including the Asserted Patent, Related Patents, and Related Applications) and any compensation, license rates, royalties related thereto, agreements with Plaintiff, Defendants, the Action, the decision to file the Action, requests or offers to provide assistance, witnesses and/or documents for use in the Lawsuit, and any discussion about standing of Plaintiff to bring the Action.

18. Your relationship with all potential Licensees, including all agreements, assurances, covenants not to sue, and understandings not to assert patents against such potential Licensees, including but not limited to Communications and agreements relating to the Asserted Patent, Related Patents or Related Applications, and the circumstances relating to such activity.

19. Your relationship with any entity associated with Stuart A. Shanus and/or Craig Etchegoyen, including without limitation Orange Holdings, WSOU, WCFT Cayman Ltd., and/or Uniloc USA, Inc.,¹ including any patent license agreements with any such entity that relate to patents or patent applications that claim subject matter related to the subject matter of the Asserted Claims.

20. Any Communication You engaged in regarding each Defendant and its respective Products or services, and any analysis You performed of each Defendant and its respective Products and services related to the Asserted Patent, Related Patents or Related Applications.

¹ Stuart A. Shanus and Craig Etchegoyen are the Chairman and President of WSOU. Orange Holdings, WCFT Cayman Ltd., and/or Uniloc USA, Inc. are all related entities of WSOU.

21. Any valuations of the Asserted Patent or any portfolio of patents that includes the Asserted Patent.

22. Any licenses, assignments, conveyances, security interests, or other agreements relating to the Asserted Patent, or any portfolio of patents that includes or included the Asserted Patent, and offers and negotiations leading to and circumstances surrounding such agreement.

23. Any revenues and profits received by You for any Products practicing the alleged invention of the Asserted Patent.

24. Revenues, costs, expenses, and profits (including gross and net profits) generated in connection with Your ownership of, the Asserted Patent, and the methodology used to calculate or otherwise determine revenues, costs, expenses, and/or profits.

25. Any licensing fees and rates paid to You, or by You, for each portfolio that includes the Asserted Patent.

26. The rates paid by any Licensee to You for the use of other patents comparable to the Asserted Patent.

27. Any financial interests that You may have in the Asserted Patent, including but not limited to royalties and the outcome of the Action.

28. Any facts, studies, investigations, and analyses relating to any submission of intellectual property right declarations with respect to the Asserted Patent to any standard maintained by an international and/or domestic trade association or standards setting organization, including all analyses or opinions related thereto.

29. Any facts, studies, investigations, and analyses relating to any alleged essentiality of the Asserted Patent to any industry standard, including any Communications with third parties relating to the foregoing.

30. Any investigation of the standards activity and intellectual property right disclosures of any predecessor-in-interest to the Asserted Patent, including any investigation by You into the intellectual property right policies, Fair Reasonable and Non-Discriminatory (“FRAND”) obligations, or Reasonable and Non-Discriminatory (“RAND”) terms relating to patent licensing in the technical space related to the subject matter of the Asserted Claims.

31. The role of You and/or any prior owner of the Asserted Patent, or any affiliates of You, or a prior owner of the Asserted Patent, in any standards setting organization from the Earliest Priority Date to present.

32. Any Communications that You, any predecessor-in-interest of the Asserted Patent, and/or any Named Inventors had with an international and/or domestic trade association or standards setting organizations regarding the subject matter of the Asserted Claims.

33. Any disclosures made by, or on behalf of You or any predecessor-in-interest of the Asserted Patent to an international and/or domestic trade association or standards setting organization regarding the existence and/or potential standard essentiality of the Asserted Patent, Related Patents, or Related Applications.

34. Your knowledge of, and compliance with, intellectual property right policies of an international and/or domestic trade association or standards setting organization related to the subject matter of the Asserted Claims.

35. Your knowledge of, and compliance with, FRAND and/or RAND obligations, including without limitation any policies, guidelines, or instructions, and any related analysis or discussions.

36. Your collection, retention and production of documents and information relevant to the Action, including but not limited to:

- a. Your production of documents and information to Defendants, either directly or indirectly through Plaintiff;
- b. Your efforts to identify, locate and gather documents for production, including identification of custodians;
- c. the storage types and physical location of relevant data;
- d. a description of all sources containing the information which has been produced by You, including custodians thereof; and
- e. all databases and email systems containing information or documents relevant to the Action and produced, referenced, created or used through the present, and operation of such systems or databases, including ability to search, storage, retrieving, backup, archiving, cataloguing, and the identity of Persons responsible for administering those databases and/or email systems.

37. The subject matter and content of all Documents and Communications identified and/or produced in response to the above requests.

38. The authenticity of all Documents identified in response to the requests for production.

39. All Documents reviewed by You in connection with the deposition on these topics.

40. For each of the topics set forth in this request, the identity and location of Your employee, agent, representative, independent contractor, or other partner, affiliate, or business associate, with the most knowledge concerning that topic.

EXHIBIT 3A

**IN THE UNITED STATES DISTRICT COURT
FOR THE WESTERN DISTRICT OF TEXAS
WACO DIVISION**

WSOU INVESTMENTS, LLC d/b/a
BRAZOS LICENSING AND
DEVELOPMENT,

Plaintiff,

V.

DELL TECHNOLOGIES INC., DELL
INC., AND EMC CORPORATION,

Defendants.

§ § § § § § § § § § § § § § § §

NO. 6:20-cv-475-ADA

JURY TRIAL DEMANDED

FIRST AMENDED COMPLAINT FOR PATENT INFRINGEMENT

Plaintiff WSOU Investments, LLC d/b/a Brazos Licensing and Development (“Brazos” or “Plaintiff”), by and through its attorneys, files this First Amended Complaint (“Amended Complaint” or “Complaint”) for Patent Infringement against Dell Technologies Inc., Dell Inc., and EMC Corporation (collectively, “Defendants”) and alleges:

NATURE OF THE ACTION

1. This is a civil action for patent infringement arising under the Patent Laws of the United States, 35 U.S.C. §§ 1, et seq., including §§ 271, 281, 284, and 285.

THE PARTIES

2. Brazos is a limited liability corporation organized and existing under the laws of Delaware, with its principal place of business at 605 Austin Avenue, Suite 6, Waco, Texas 76701.

3. On information and belief, defendant Dell Technologies Inc. is a Delaware corporation with a principal place of business at One Dell Way, Round Rock, Texas 78682.

4. On information and belief, defendant Dell Inc. is a Delaware corporation with a principal place of business at One Dell Way, Round Rock, Texas 78682. Dell Inc. is wholly owned by its corporate parent, Dell Technologies Inc.

5. On information and belief, defendant EMC Corporation is a Massachusetts corporation with a principal place of business at One Dell Way, Round Rock, Texas 78682. EMC Corporation is wholly owned by its corporate parent, Dell Technologies Inc.

JURISDICTION AND VENUE

6. This is an action for patent infringement which arises under the Patent Laws of the United States, in particular, 35 U.S.C. §§ 271, 281, 284, and 285.

7. This Court has jurisdiction over the subject matter of this action under 28 U.S.C. §§ 1331 and 1338(a).

8. This Court has specific and general personal jurisdiction over each defendant pursuant to due process and/or the Texas Long Arm Statute, because each defendant has committed acts giving rise to this action within Texas and within this judicial district. The Court's exercise of jurisdiction over each defendant would not offend traditional notions of fair play and substantial justice because each defendant has established minimum contacts with the forum. For example, on information and belief, each defendant has committed acts of infringement in this judicial district, by among other things, selling and offering for sale products that infringe the asserted patent, directly or through intermediaries, as alleged herein.

9. Venue in the Western District of Texas is proper pursuant to 28 U.S.C. §§1391 and/or 1400(b). Each defendant has established places of business in the Western District of Texas. Each defendant is registered to do business in Texas. Upon information and belief, each defendant has transacted business in this District and has committed acts of infringement in this District.

COUNT ONE - INFRINGEMENT OF
U.S. PATENT NO. 7,453,888

10. Brazos re-alleges and incorporates by reference the preceding paragraphs of this Complaint.

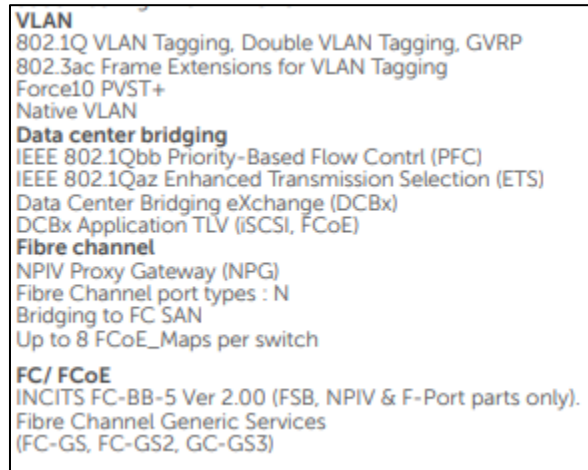
11. On November 18, 2008, the United States Patent and Trademark Office duly and legally issued U.S. Patent No. 7,453,888 (“the ‘888 Patent”), entitled “Stackable Virtual Local Area Network Provisioning in Bridged Networks.” A true and correct copy of the ‘888 Patent is attached as Exhibit A to this Complaint.

12. Brazos is the owner of all rights, title, and interest in and to the ‘888 Patent, including the right to assert all causes of action arising under the ‘888 Patent and the right to any remedies for the infringement of the ‘888 Patent.

13. Defendants make, use, sell, offer for sale, import, and/or distribute in the United States, including within this judicial district, products such as, but not limited to, networking switches, including but not limited to, Force 10 MXL switches (collectively, the “Accused Products”).

14. The Accused Products may be deployed in environments with Virtual Local Area Network (VLAN) applications and virtualization hosts and can provide VLAN double tagging, frame extensions for VLAN tagging, and native VLAN features, among other features. Force 10 MXL switches, for example, may enhance bandwidth and performance, as well as provide

flexibility to satisfy changing demands of data centers embracing virtualization, network convergence, and other I/O-intensive applications or workloads.



https://i.dell.com/sites/csdocuments/Shared-Content_data-Sheets_Documents/en/SS804_Dell_Force10_MXL.pdf

15. The Accused Products may configure a trunk port so that a numbered tag is inserted in each ethernet frame to keep the traffic of different VLANs from mixing. Accused Products running Per-VLAN Spanning Tree (PVST) configure their trunk ports appropriately.

Trunk Port Downlink Configuration

Trunk ports can participate in multiple VLANs over one Ethernet interface and are often used for connection to virtualization hosts and other VLAN aware applications. To keep the traffic of the different VLANs from mixing, a numbered tag is inserted in each Ethernet frame (with the optional exception of the interface's "native" VLAN). To deploy a trunk port on an MXL running PVST follow these four steps.

http://bladesmadesimple.com/wp-content/uploads/2017/05/Deploying_the_Dell_Force10_MXL_on_a_Cisco_Nexus_Network_v1_1.pdf

Configure Tagged VLANs for a Trunk Port Interface

```
MXL2#configure
MXL2(conf)#interface vlan 11
MXL2(conf-if-vl-11)#tagged tengigabitethernet 0/1
MXL2(conf-if-vl-11)#no shutdown
MXL2(conf-if-vl-11)#exit
MXL2(conf)#interface vlan 12
MXL2(conf-if-vl-12)#tagged tengigabitethernet 0/1
MXL2(conf-if-vl-12)#no shutdown
MXL2(conf-if-vl-12)#exit
MXL2(conf)#exit
MXL2#
```

http://bladesmadesimple.com/wp-content/uploads/2017/05/Deploying_the_Dell_Force10_MXL_on_a_Cisco_Nexus_Network_v1_1.pdf

16. Trunk ports in the accused products can participate in multiple VLANs over an ethernet interface carrying multiple tagged VLANs and/or a single untagged VLAN.

The “portmode hybrid” command allows an Ethernet interface to carry both multiple tagged VLANs and a single untagged (also called a native) VLAN. If a given port is only expected to carry tagged VLANs or a single untagged VLAN, the “portmode hybrid” command may be omitted from its configuration.

http://bladesmadesimple.com/wp-content/uploads/2017/05/Deploying_the_Dell_Force10_MXL_on_a_Cisco_Nexus_Network_v1_1.pdf

17. The Accused Products may configure all the trunk ports participating in VLANs when the port is in a standby state. The configured trunk port may be enabled to begin forwarding traffic as soon as its link is active.

The “switchport” setting enables a switch’s Ethernet interface to participate in VLANs. A switchport enabled interface is referred to as a layer-2 interface. (Note: If the Ethernet interface had previously been configured as a layer-3 interface—which is one with an IP address directly configured on it—than the “no ip address” command would need to be run on the interface before the switchport feature could be enabled.)

The “portmode hybrid” command allows an Ethernet interface to carry both multiple tagged VLANs and a single untagged (also called a native) VLAN. If a given port is only expected to carry tagged VLANs or a single untagged VLAN, the “portmode hybrid” command may be omitted from its configuration.

The “spanning-tree pvst edge-port” command should only be run on ports that will connect to servers or other end nodes and never on ports that will connect to other switches. This command designates a port as an expected edge of the spanning tree (only switches participate in spanning tree) and enables it to begin forwarding traffic as soon as it’s link is active (many seconds before the spanning-tree protocol would otherwise allow it to forward traffic).

With the switchport feature enabled, the Ethernet interface is now ready for one or more tagged VLANs to be configured for it.

http://bladesmadesimple.com/wp-content/uploads/2017/05/Deploying_the_Dell_Force10_MXL_on_a_Cisco_Nexus_Network_v1_1.pdf

18. In view of preceding paragraphs, each and every element of at least claim 1 of the ‘888 Patent is found in the Accused Products. And upon information and belief, each and every element of at least claim 1 of the ‘888 Patent is performed or practiced by Defendants at least through Defendants’ own use and configuration of its own Accused Products, and/or through

Defendants’ own testing and configuration of its own Accused Products, and/or through Defendants’ providing services for its Accused Products, including but not limited to providing installation, deployment, support, and configuration of its Accused Products.

19. Defendants continue to directly infringe at least one claim of the ‘888 Patent, literally or under the doctrine of equivalents, by making, using, selling, offering for sale, importing, and/or distributing the Accused Products in the United States, including within this judicial district, without the authority of Brazos.

20. In May 2020, Plaintiff filed a suit against Defendants asserting infringement of the same patent and by the same accused products that are asserted in this case. Plaintiff dismissed the prior suit before filing this suit. As a result of the prior suit, Defendants had notice and actual or constructive knowledge of their infringement of the patent-in-suit since at least May 2020, before the filing of this case. Further, Defendants had knowledge of their infringement of the patent-in-suit before the filing of this Amended Complaint.¹

¹ Dell filed a motion to dismiss that is mooted by this amended complaint. Dell’s motion cites a WDTX case (which relies authority from the District of Delaware) for the proposition that knowledge of a plaintiff’s patent after the lawsuit was filed is insufficient to plead the requisite knowledge for indirect infringement. *See Aguirre v. Powerchute Sports, LLC*, No. SA-10-CV-0702 XR, 2011 WL 2471299, at *3 (W.D. Tex. June 17, 2011) (citing *Xpoint Techs. v. Microsoft Corp.*, 730 F.Supp.2d 349 (D. Del. 2010)). Several Delaware courts have since rejected this rule because there is no statutory basis to support it and because there is no purpose served by the formality of requiring the plaintiff to file an amended complaint in order to be allowed to assert knowledge of the patents during the period following the filing of the original complaint. *See Walker Digital, LLC v. Facebook, Inc.*, 852 F. Supp. 2d 559, 566 (D. Del. 2012) (“The court acknowledges that this result is inconsistent with its prior decisions in *Xpoint Techs. v. Microsoft Corp.*, 730 F.Supp.2d 349 (D.Del.2010), and *EON Corp. IP Holdings LLC v. FLO TV Inc.*, 802 F.Supp.2d 527 (D. Del. 2011). Given the ease of amendment, the limitation of damages to post-knowledge conduct, and in the interests of judicial economy, the court finds that the better reasoning is to allow a complaint that satisfies Rule 8 to proceed to discovery rather than dismissing it for lack of pre-filing knowledge when, by the time the motion to dismiss has been filed, defendant in fact has the requisite knowledge as pled by plaintiff.”); *see also IOENGINE, LLC v. PayPal Holdings, Inc.*, CV 18-452-WCB, 2019 WL 330515, at *4 (D. Del. Jan. 25, 2019) (“The Court sees no purpose that would be served by the formality of requiring IOENGINE to file

21. Since at least May 2020, through its actions, Defendants have actively induced product makers, distributors, retailers, and/or end users of the Accused Products to infringe the ‘888 Patent throughout the United States, including within this judicial district, by, among other things, advertising and promoting the use of the Accused Products in various websites, including providing and disseminating product descriptions, operating manuals, and other instructions on how to implement and configure the Accused Products. Examples of such advertising, promoting, and/or instructing include the documents at:

- http://bladesmadesimple.com/wp-content/uploads/2017/05/Deploying_the_Dell_Force10_MXL_on_a_Cisco_Nexus_Net_work_v1_1.pdf
- https://i.dell.com/sites/csdocuments/Shared-Content_data-Sheets_Documents/en/SS804_Dell_Force10_MXL.pdf

22. Since at least May 2020, through its actions, Defendants have contributed to the infringement of the ‘888 Patent by having others sell, offer for sale, or use the Accused Products throughout the United States, including within this judicial district, with knowledge that the Accused Products infringe the ‘888 Patent. The Accused Products are especially made or adapted for infringing the ‘888 Patent and have no substantial non-infringing use. For example, in view of the preceding paragraphs, the Accused Products contain functionality which is material to at least one claim of the ‘888 Patent.

JURY DEMAND

Brazos hereby demands a jury on all issues so triable.

an amended complaint in order to be allowed to assert knowledge of the patents during the period following the filing of the original complaint.”).

REQUEST FOR RELIEF

WHEREFORE, Brazos respectfully requests that the Court:

(A) Enter judgment that Defendants infringe one or more claims of the '888 Patent literally and/or under the doctrine of equivalents;

(B) Enter judgment that Defendants have induced infringement and continue to induce infringement of one or more claims of the '888 Patent;

(C) Enter judgment that Defendants have contributed to and continue to contribute to the infringement of one or more claims of the '888 Patent;

(D) Award Brazos damages, to be paid by Defendants in an amount adequate to compensate Brazos for such damages, together with pre-judgment and post-judgment interest for the infringement by Defendants of the '888 Patent through the date such judgment is entered in accordance with 35 U.S.C. § 284, and increase such award by up to three times the amount found or assessed in accordance with 35 U.S.C. § 284;

(E) Declare this case exceptional pursuant to 35 U.S.C. § 285; and

(F) Award Brazos its costs, disbursements, attorneys' fees, and such further and additional relief as is deemed appropriate by this Court.

Dated: October 19, 2020

Respectfully submitted,

/s/ James L. Etheridge

James L. Etheridge

Texas State Bar No. 24059147

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Texas State Bar No. 24036997

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COUNSEL FOR PLAINTIFF

EXHIBIT 3B

**IN THE UNITED STATES DISTRICT COURT
FOR THE WESTERN DISTRICT OF TEXAS
WACO DIVISION**

WSOU INVESTMENTS, LLC d/b/a
BRAZOS LICENSING AND
DEVELOPMENT,

Plaintiff,

V.

DELL TECHNOLOGIES INC., DELL
INC., AND EMC CORPORATION,

Defendants.

§ § § § § § § § § § § § § § § §

NO. 6:20-cv-477-ADA

JURY TRIAL DEMANDED

FIRST AMENDED COMPLAINT FOR PATENT INFRINGEMENT

Plaintiff WSOU Investments, LLC d/b/a Brazos Licensing and Development (“Brazos” or “Plaintiff”), by and through its attorneys, files this First Amended Complaint (“Amended Complaint” or “Complaint”) for Patent Infringement against Dell Technologies Inc., Dell Inc., and EMC Corporation (collectively, “Defendants”) and alleges:

NATURE OF THE ACTION

1. This is a civil action for patent infringement arising under the Patent Laws of the United States, 35 U.S.C. §§ 1, et seq., including §§ 271, 281, 284, and 285.

THE PARTIES

2. Brazos is a limited liability corporation organized and existing under the laws of Delaware, with its principal place of business at 605 Austin Avenue, Suite 6, Waco, Texas 76701.

3. On information and belief, defendant Dell Technologies Inc. is a Delaware corporation with a principal place of business at One Dell Way, Round Rock, Texas 78682.

4. On information and belief, defendant Dell Inc. is a Delaware corporation with a principal place of business at One Dell Way, Round Rock, Texas 78682. Dell Inc. is wholly owned by its corporate parent, Dell Technologies Inc.

5. On information and belief, defendant EMC Corporation is a Massachusetts corporation with a principal place of business at One Dell Way, Round Rock, Texas 78682. EMC Corporation is wholly owned by its corporate parent, Dell Technologies Inc.

JURISDICTION AND VENUE

6. This is an action for patent infringement which arises under the Patent Laws of the United States, in particular, 35 U.S.C. §§ 271, 281, 284, and 285.

7. This Court has jurisdiction over the subject matter of this action under 28 U.S.C. §§ 1331 and 1338(a).

8. This Court has specific and general personal jurisdiction over each defendant pursuant to due process and/or the Texas Long Arm Statute, because each defendant has committed acts giving rise to this action within Texas and within this judicial district. The Court's exercise of jurisdiction over each defendant would not offend traditional notions of fair play and substantial justice because each defendant has established minimum contacts with the forum. For example, on information and belief, each defendant has committed acts of infringement in this judicial district, by among other things, selling and offering for sale products that infringe the asserted patent, directly or through intermediaries, as alleged herein.

9. Venue in the Western District of Texas is proper pursuant to 28 U.S.C. §§1391 and/or 1400(b). Each defendant has established places of business in the Western District of Texas. Each defendant is registered to do business in Texas. Upon information and belief, each defendant has transacted business in this District and has committed acts of infringement in this District.

COUNT ONE - INFRINGEMENT OF
U.S. PATENT NO. 8,913,489

10. Brazos re-alleges and incorporates by reference the preceding paragraphs of this Complaint.

11. On December 16, 2014, the United States Patent and Trademark Office duly and legally issued U.S. Patent No. 8,913,489 (“the ‘489 Patent”), entitled “System and Method for Virtual Fabric Link Failure Recovery.” A true and correct copy of the ‘489 Patent is attached as Exhibit A to this Complaint.

12. Brazos is the owner of all rights, title, and interest in and to the ‘489 Patent, including the right to assert all causes of action arising under the ‘489 Patent and the right to any remedies for the infringement of the ‘489 Patent.

13. Defendants make, use, sell, offer for sale, import, and/or distribute in the United States, including within this judicial district, products such as, but not limited to, networking

switches with Virtual Link Trunking (VLT), including but not limited to, C9000 series switches (collectively, the “Accused Products”).

14. The Accused Products provide multi-rate, modular switching platforms, which can be used for campus, mid-market, and large-enterprise networks and support Layer 2 multipath using VLT.

Dell Networking C9000 Series Switches



...

Next-generation modular chassis switch

<https://www.dell.com/en-us/work/shop/povw/networking-c9000-series>

15. The Accused Products operate based on Dell Networking OS (DNOS), which incorporates features from Force10 Networks’s Force10 Operating System (FTOS), including VLT. VLT allows two physical switches to be represented as a single logical switch, which can be regarded as a part of a multi-chassis link aggregation group (MC-LAG). With physical links as a

port-channel, connecting two individual switches configured with VLT would logically group it as a single entity only for the access switches which connect to the VLT domain.

Virtual Link Trunking (VLT)

Virtual link trunking (VLT) is supported on Dell Networking OS.

Overview

VLT reduces the role of spanning tree protocols (STPs) by allowing link aggregation group (LAG) terminations on two separate distribution or core switches and supporting a loop-free topology.

To prevent the initial loop that may occur prior to VLT being established, use a spanning tree protocol. After VLT is established, you may use rapid spanning tree protocol (RSTP) to prevent loops from forming with new links that are incorrectly connected and outside the VLT domain.

VLT provides Layer 2 multipathing, creating redundancy through increased bandwidth, enabling multiple parallel paths between nodes and load-balancing traffic where alternative paths exist.

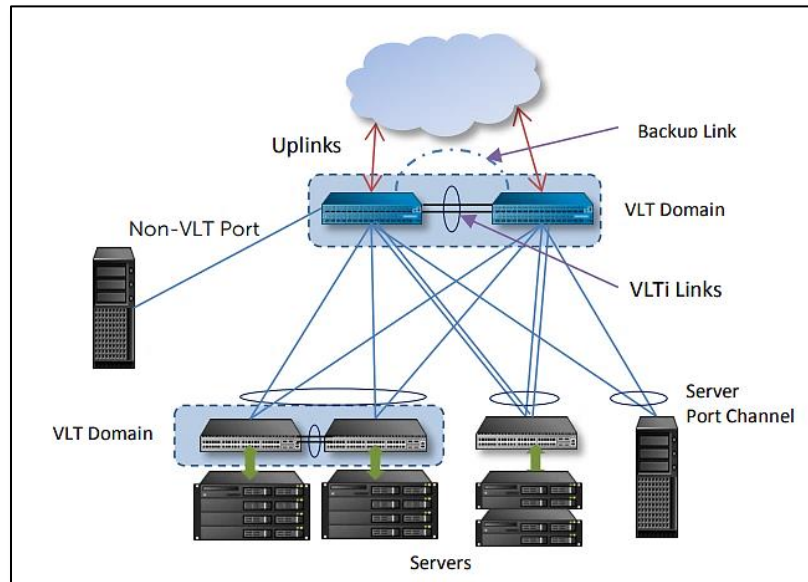
Virtual link trunking offers the following benefits:

- Allows a single device to use a LAG across two upstream devices.
- Eliminates STP-blocked ports.
- Provides a loop-free topology.
- Uses all available uplink bandwidth.
- Provides fast convergence if either the link or a device fails.
- Optimized forwarding with virtual router redundancy protocol (VRRP).
- Provides link-level resiliency.

https://topics-cdn.dell.com/pdf/networking-c9000-series_users-guide_en-us.pdf

16. For example, a VLT topology may include two switches, including an Accused Product, in a VLT Domain that communicates with servers by forming a multi-chassis link aggregation group over port interfaces of the switches.

1.6 Typical VLT Topology



https://downloads.dell.com/solutions/networking-solution-resources/Virtual%20Link%20Trunking-Reference%20Architecture%20%200_External.pdf

17. Further, as shown in the example above, switches in the VLT Domain may be considered VLT peer devices and connected using a VLTi interconnect port-channel, which acts a virtual fiber link. The VLT interconnect (VLTi) carries MAC, ARP Tables, and IGMP State information between the VLT peer switches in a VLT topology.

VLT Terminology

...

- **VLT interconnect (VLTi)** — The link used to synchronize states between the VLT peer switches. Both ends must be on 10G or 40G interfaces.

...

- **VLT peer device** — One of a pair of devices that are connected with the special port channel known as the VLT interconnect (VLTi).

VLT peer switches have independent management planes. A VLT interconnect between the VLT chassis maintains synchronization of L2/L3 control planes across the two VLT peer switches. The VLT interconnect uses either 10G or 40G user ports on the chassis.

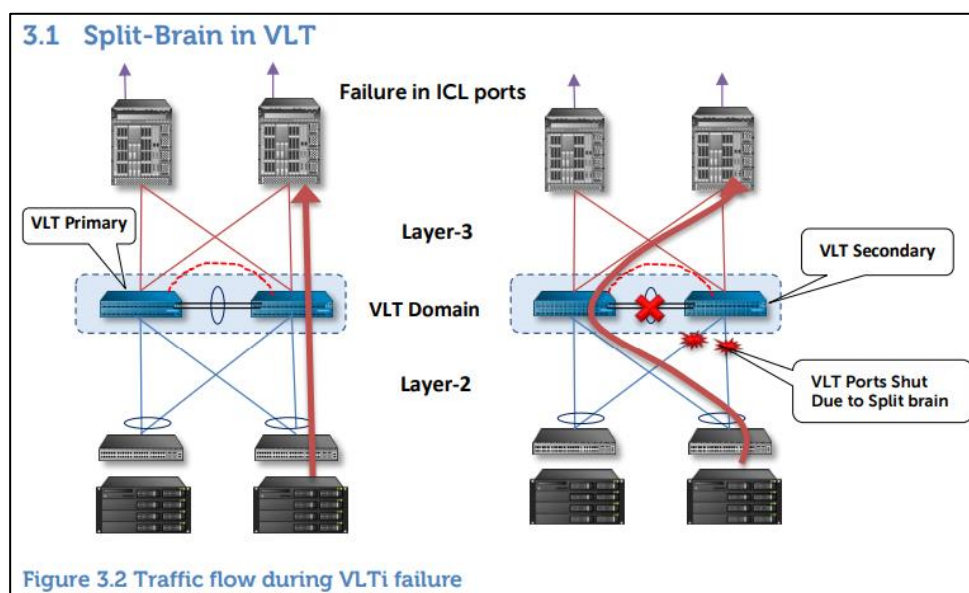
https://topics-cdn.dell.com/pdf/networking-c9000-series_users-guide_en-us.pdf

1.2 VLT Implementation

Periodic hello messages are sent through the VLT Interconnect (VLTi) and the VLT control messages are sent in TLV format through the VLTi links for synchronizing the L2/L3 control planes across the two VLT peers. MAC, ARP tables, IGMP States are synchronized between the VLT peers ensuring traffic flow across the links and seamless failover in case of VLT link or node failure. The VLT feature ensures the local traffic on a VLT Switch takes the shortest path to the destination through the VLT links and not through the VLTi links. However VLTi carries the traffic during the link failure states. (Figure 1.0)

https://downloads.dell.com/solutions/networking-solution-resources/Virtual%20Link%20Trunking-Reference%20Architecture%20%200_External.pdf

18. The Accused Products can determine a connection failure of the VLTi interconnect.



https://downloads.dell.com/solutions/networking-solution-resources/Virtual%20Link%20Trunking-Reference%20Architecture%20%200_External.pdf

Configuration Notes

...

- Failure scenarios

...

- If all ports in the VLT interconnect fail, or if the messaging infrastructure fails to communicate across the interconnect trunk, the VLT management system uses the backup link interface to determine whether the failure is a link-level failure or whether the remote peer has failed entirely. If the remote peer is still alive (heartbeat messages are still being received), the VLT secondary switch disables its VLT port channels. If keepalive messages from the peer are not being received, the peer continues to forward traffic, assuming that it is the last device available in the network. In either case, after recovery of the peer link or reestablishment of message forwarding across the interconnect trunk, the two VLT peers resynchronize any MAC addresses learned while communication was interrupted and the VLT system continues normal data forwarding.

https://topics-cdn.dell.com/pdf/networking-c9000-series_users-guide_en-us.pdf

19. When the MC-LAG is disrupted (e.g., after the Accused Products determines VLTi and back uplink failure between VLT peer switches), the MC-LAG can be reconfigured into two link aggregates associated with each VLT peer switch to take the primary role and continue to communicate traffic over link aggregates to the end node. In the Accused Products, the VLT backup link can be configurable. If a VLT backup link is not enabled, then during VLTi failure, both VLT peer switches may take primary roles to form link aggregates.

3.1 Split-Brain in VLT

...

In case of both VLTi and backup link failure, both the VLT nodes take primary role and continue to pass the traffic if the system mac is configured on both the VLT peers. However there would not be MAC/ARP synchronization.

https://downloads.dell.com/solutions/networking-solution-resources/Virtual%20Link%20Trunking-Reference%20Architecture%202%200_External.pdf

Configuring a VLT Backup Link

To configure a VLT backup link, use the following command.

1. Specify the management interface to be used for the backup link through an out-of-band management network.

CONFIGURATION mode

```
interface managementethernet slot/ port
```

https://topics-cdn.dell.com/pdf/networking-c9000-series_users-guide_en-us.pdf

20. In the event of VLTi failure causing disruption of the MC-LAG, the spanning tree protocol (STP) may be initiated in the first set of port interfaces to avoid a traffic loop.

5.1 Dell#1 Switch Configurations and Verification

Dell#1#sh run | find protocol

protocol spanning-tree pvst

no disable

vlan 1,20,800,900 bridge-priority 0

(Take note that deploying VLT does NOT preclude the need to deploy the spanning tree protocol (STP). STP will be acting as a loop prevention mechanism in the event of a VLT failure or an errant connection that creates a physical bridging loop.

!

<https://www.dell.com/community/s/vjauj58549/attachments/vjauj58549/Network/35449/1/Route%20VLT%20v1.2.pdf>

21. In view of preceding paragraphs, each and every element of at least claim 8 of the '489 Patent is found in the Accused Products. And upon information and belief, each and every element of at least claim 8 of the '489 Patent is performed or practiced by Defendants at least through Defendants' own use and configuration of its own Accused Products, and/or through Defendants' own testing and configuration of its own Accused Products, and/or through

Defendants' providing services for its Accused Products, including but not limited to providing installation, deployment, support, and configuration of its Accused Products.

22. Defendants continue to directly infringe at least one claim of the '489 Patent, literally or under the doctrine of equivalents, by making, using, selling, offering for sale, importing, and/or distributing the Accused Products in the United States, including within this judicial district, without the authority of Brazos.

23. In May 2020, Plaintiff filed a suit against Defendants asserting infringement of the same patent and by the same accused products that are asserted in this case. Plaintiff dismissed the prior suit before filing this suit. As a result of the prior suit, Defendants had notice and actual or constructive knowledge of their infringement of the patent-in-suit since at least May 2020, before the filing of this case. Further, Defendants had knowledge of their infringement of the patent-in-suit before the filing of this Amended Complaint.¹

24. Since at least May 2020, through its actions, Defendants have actively induced product makers, distributors, retailers, and/or end users of the Accused Products to infringe the

¹ Dell filed a motion to dismiss that is mooted by this amended complaint. Dell's motion cites a WDTX case (which relies authority from the District of Delaware) for the proposition that knowledge of a plaintiff's patent after the lawsuit was filed is insufficient to plead the requisite knowledge for indirect infringement. *See Aguirre v. Powerchute Sports, LLC*, No. SA-10-CV-0702 XR, 2011 WL 2471299, at *3 (W.D. Tex. June 17, 2011) (citing *Xpoint Techs. v. Microsoft Corp.*, 730 F.Supp.2d 349 (D. Del. 2010)). Several Delaware courts have since rejected this rule because there is no statutory basis to support it and because there is no purpose served by the formality of requiring the plaintiff to file an amended complaint in order to be allowed to assert knowledge of the patents during the period following the filing of the original complaint. *See Walker Digital, LLC v. Facebook, Inc.*, 852 F. Supp. 2d 559, 566 (D. Del. 2012) ("The court acknowledges that this result is inconsistent with its prior decisions in *Xpoint Techs. v. Microsoft Corp.*, 730 F.Supp.2d 349 (D.Del.2010), and *EON Corp. IP Holdings LLC v. FLO TV Inc.*, 802 F.Supp.2d 527 (D. Del. 2011). Given the ease of amendment, the limitation of damages to post-knowledge conduct, and in the interests of judicial economy, the court finds that the better reasoning is to allow a complaint that satisfies Rule 8 to proceed to discovery rather than dismissing it for lack of pre-filing knowledge when, by the time the motion to dismiss has been filed, defendant in fact has the requisite knowledge as pled by plaintiff."); *see also IOENGINE*,

‘489 Patent throughout the United States, including within this judicial district, by, among other things, advertising and promoting the use of the Accused Products in various websites, including providing and disseminating product descriptions, operating manuals, and other instructions on how to implement and configure the Accused Products. Examples of such advertising, promoting, and/or instructing include the documents at:

- <https://www.dell.com/en-us/work/shop/povw/networking-c9000-series>
- <https://www.dell.com/en-us/work/shop/productdetailstxn/force10-ftos>
- https://topics-cdn.dell.com/pdf/networking-c9000-series_users-guide_en-us.pdf
- https://downloads.dell.com/solutions/networking-solution-resources/Virtual%20Link%20Trunking-Reference%20Architecture%202%200_External.pdf
- <https://www.dell.com/community/s/vjauj58549/attachments/vjauj58549/Network/35449/1/Routed%20VLT%20v1.2.pdf>

25. Since at least May 2020, through its actions, Defendants have contributed to the infringement of the ‘489 Patent by having others sell, offer for sale, or use the Accused Products throughout the United States, including within this judicial district, with knowledge that the Accused Products infringe the ‘489 Patent. The Accused Products are especially made or adapted for infringing the ‘489 Patent and have no substantial non-infringing use. For example, in view of the preceding paragraphs, the Accused Products contain functionality which is material to at least one claim of the ‘489 Patent.

JURY DEMAND

LLC v. PayPal Holdings, Inc., CV 18-452-WCB, 2019 WL 330515, at *4 (D. Del. Jan. 25, 2019) (“The Court sees no purpose that would be served by the formality of requiring IOENGINE to file an amended complaint in order to be allowed to assert knowledge of the patents during the period following the filing of the original complaint.”).

Brazos hereby demands a jury on all issues so triable.

REQUEST FOR RELIEF

WHEREFORE, Brazos respectfully requests that the Court:

(A) Enter judgment that Defendants infringe one or more claims of the '489 Patent literally and/or under the doctrine of equivalents;

(B) Enter judgment that Defendants have induced infringement and continue to induce infringement of one or more claims of the '489 Patent;

(C) Enter judgment that Defendants have contributed to and continue to contribute to the infringement of one or more claims of the '489 Patent;

(D) Award Brazos damages, to be paid by Defendants in an amount adequate to compensate Brazos for such damages, together with pre-judgment and post-judgment interest for the infringement by Defendants of the '489 Patent through the date such judgment is entered in accordance with 35 U.S.C. § 284, and increase such award by up to three times the amount found or assessed in accordance with 35 U.S.C. § 284;

(E) Declare this case exceptional pursuant to 35 U.S.C. § 285; and

(F) Award Brazos its costs, disbursements, attorneys' fees, and such further and additional relief as is deemed appropriate by this Court.

Dated: October 19, 2020

Respectfully submitted,

/s/ James L. Etheridge

James L. Etheridge

Texas State Bar No. 24059147

Ryan S. Loveless

Texas State Bar No. 24036997

Travis L. Richins

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COUNSEL FOR PLAINTIFF

EXHIBIT 3C

4. On information and belief, defendant Dell Inc. is a Delaware corporation with a principal place of business at One Dell Way, Round Rock, Texas 78682. Dell Inc. is wholly owned by its corporate parent, Dell Technologies Inc.

5. On information and belief, defendant EMC Corporation is a Massachusetts corporation with a principal place of business at One Dell Way, Round Rock, Texas 78682. EMC Corporation is wholly owned by its corporate parent, Dell Technologies Inc.

JURISDICTION AND VENUE

6. This is an action for patent infringement which arises under the Patent Laws of the United States, in particular, 35 U.S.C. §§ 271, 281, 284, and 285.

7. This Court has jurisdiction over the subject matter of this action under 28 U.S.C. §§ 1331 and 1338(a).

8. This Court has specific and general personal jurisdiction over each defendant pursuant to due process and/or the Texas Long Arm Statute, because each defendant has committed acts giving rise to this action within Texas and within this judicial district. The Court's exercise of jurisdiction over each defendant would not offend traditional notions of fair play and substantial justice because each defendant has established minimum contacts with the forum. For example, on information and belief, each defendant has committed acts of infringement in this judicial district, by among other things, selling and offering for sale products that infringe the asserted patent, directly or through intermediaries, as alleged herein.

9. Venue in the Western District of Texas is proper pursuant to 28 U.S.C. §§1391 and/or 1400(b). Each defendant has established places of business in the Western District of Texas. Each defendant is registered to do business in Texas. Upon information and belief, each defendant has transacted business in this District and has committed acts of infringement in this District.

COUNT ONE - INFRINGEMENT OF
U.S. PATENT NO. 7,126,921

10. Brazos re-alleges and incorporates by reference the preceding paragraphs of this Complaint.

11. On October 24, 2006, the United States Patent and Trademark Office duly and legally issued U.S. Patent No. 7,126,921 (“the ‘921 Patent”), entitled “Packet Network Providing Fast Distribution of Node Related Information and a Method Therefor.” A true and correct copy of the ‘921 Patent is attached as Exhibit A to this Complaint.

12. Brazos is the owner of all rights, title, and interest in and to the ‘921 Patent, including the right to assert all causes of action arising under the ‘921 Patent and the right to any remedies for the infringement of the ‘921 Patent.

13. Defendants make, use, sell, offer for sale, import, and/or distribute in the United States, including within this judicial district, products such as, but not limited to, controlled networking devices, including but not limited to, routers controlled by Dell Network Operating System (“DNOS”) incorporating features of Force10 Network’s Force10 Operating System (“FTOS”), including but not limited to the Dell Networking S3048-ON, Dell Networking S4048-ON, Dell Networking S4810-ON, Dell Networking S6000-ON, and E-Series, C-Series, N-Series, and S- Series hardware (collectively, the “Accused Products”).

14. The Accused Products operate based on Dell Networking OS (DNOS), which incorporates features from FTOS for packet networks having nodes and links. FTOS supports

packet networks, which comprises multiple nodes and links. FTOS is a part of various Dell networking devices, including E-Series, C-Series, and S- Series hardware.

Dell takes deeper dive into networking, buys Force10

<https://www.networkworld.com/article/2179414/dell-takes-deeper-dive-into-networking--buys-force10.html>

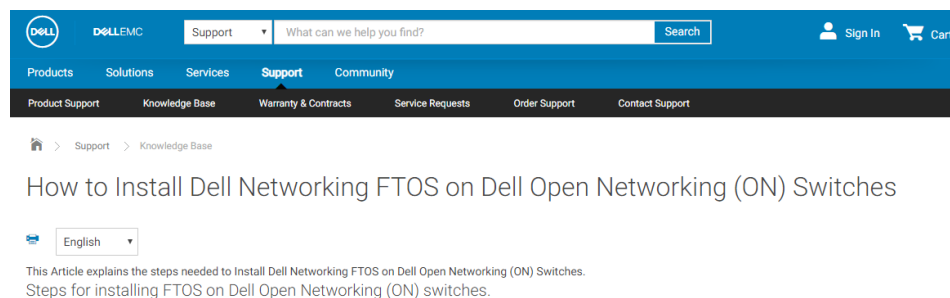
FTOS Configuration Guide

...

This guide describes the protocols and features supported by the Force10 Operating System (FTOS) and provides configuration instructions and examples for implementing them. It supports the system platforms E-Series, C-Series, and S-Series.

https://www.force10networks.com/CSPortal20/KnowledgeBase/DOCUMENTATION/CLIConfig/FTOS/All_CONFIG%20Book_8212_13-Oct-09.pdf

15. FTOS can be installed on Dell Open Networking (ON) Switches, including Dell Networking S3048-ON, S4048-ON, S4810-ON, and S6000-ON.



<https://www.dell.com/support/article/us/en/04/how11548/how-to-install-dell-networking-ftos-on-dell-open-networking-on-switches?lang=en>

16. The Accused Products implement a control plane to control the nodes and a forwarding (data) plane responsive to the control plane. A control plane is a set of protocols that determine how the forwarding plane should forward packets, deciding which data packets are

allowed to be forwarded and where they should go.

The control plane is the set of protocols that determine how the forwarding plane should forward packets, deciding which data packets are allowed to be forwarded and where they should go.

https://cdn.competec.ch/documents/3/9/392428/DE_Handbuch_switch.pdf

17. Link State Advertisements (LSAs) help routing network devices forward data packets. Link state information provides routing-related information to the nodes in the packet network and is provided to the control plane for computing forward routing information.

- **Type 9 - Link Local LSA (OSPFv2), Intra-Area-Prefix LSA (OSPFv3)**
 - For OSPFv2, this is a link-local "opaque" LSA as defined by RFC2370.
 - For OSPFv3, this LSA carries the IPv6 prefixes of the router and network links.

https://www.force10networks.com/CSPortal20/KnowledgeBase/DOCUMENTATION/CLIConfig/FTOS/All_CONFIG%20Book_8212_13-Oct-09.pdf

18. When one of the routing network devices goes down, there is a potential to lose access to parts of the network, causing potential packet loss. Therefore, the network will want to maintain a stable topology if it is possible for data flow to continue uninterrupted. To facilitate this in networks using the Accused Products, the computed forward routing information gets

downloaded into a Forwarding Information Base (FIB) on the line cards (the data plane) of the routing network devices.

When a router goes down without a Graceful Restart, there is a potential to lose access to parts of the network due to the necessity of network topology changes. Additionally, LSA flooding and reconvergence can cause substantial delays. It is, therefore, desirable that the network maintain a stable topology if it is possible for data flow to continue uninterrupted.

OSPF Graceful Restart recognizes the fact that in a modern router, the control plane and data plane functionality are separate, restarting the control plane functionality (such as the failover of the active RPM to the backup in a redundant configuration), does not necessarily have to interrupt the forwarding of data packets. This behavior is supported because the forwarding tables previously computed by an active RPM have been downloaded into the Forwarding Information Base on the line cards (the data plane), and are still resident. For packets that have existing FIB/CAM entries, forwarding between ingress and egress ports/VLANs etc., can continue uninterrupted while the control plane OSPF process comes back to full functionality and rebuilds its routing tables.

https://www.force10networks.com/CSPortal20/KnowledgeBase/DOCUMENTATION/CLIConfig/FTOS/All_CONFIG%20Book_8212_13-Oct-09.pdf

19. The data plane provides fast propagation of link state information. For example, type 9 link-local opaque grace-LSAs notify the helper neighbors during a restart process. The other nodes/routers continue to announce information regarding the restarting router if the network topology is unchanged. Link state information contains the forward route information for the nodes.

The grace period is the time period that a router defines for other adjacent routers to wait for it to return to full control plane functionality, and which it advertises to its neighbors. When an outage occurs, the neighbors will wait for this time period before flooding LSAs and beginning reconvergence. When a router is attempting to restart gracefully, it will originate Type 9 link local opaque grace-LSAs that notify its helper neighbors that the restart process is beginning. During this period, the helper neighbor routers continue to announce the restarting router as fully adjacent, as long as the network topology remains unchanged. When the restarting router completes its restart, it flushes the grace-LSAs, thereby notifying its neighbors that the restart is complete. This should happen before the grace period expires.

https://www.force10networks.com/CSPortal20/KnowledgeBase/DOCUMENTATION/CLIConfig/FTOS/All_CONFIG%20Book_8212_13-Oct-09.pdf

20. Moreover, Fast Convergence allows a user to define the speeds at which link-state information originates and accepted to speed up route information propagation.

Fast Convergence (OSPFv2, IPv4 only)

Fast Convergence allows you to define the speeds at which LSAs are originated and accepted, and reduce OSPFv2 end-to-end convergence time. FTOS enables you to accept and originate LSAs as soon as they are available to speed up route information propagation.

https://www.force10networks.com/CSPortal20/KnowledgeBase/DOCUMENTATION/CLIConfig/FTOS/All_CONFIG%20Book_8212_13-Oct-09.pdf

21. In view of preceding paragraphs, each and every element of at least claim 1 of the '921 Patent is found in the Accused Products.

22. Defendants continue to directly infringe at least one claim of the '921 Patent, literally or under the doctrine of equivalents, by making, using, selling, offering for sale, importing, and/or distributing the Accused Products in the United States, including within this judicial district, without the authority of Brazos.

23. And upon information and belief, each and every element of at least one claim of the patent-in-suit is performed or practiced by Defendants at least through Defendants' own use and configuration of its own Accused Products, and/or through Defendants' own testing and configuration of its own Accused Products, and/or through Defendants' providing services for its Accused Products, including but not limited to providing installation, deployment, support and configuration of its Accused Products.

24. In May 2020, Plaintiff filed a suit against Defendants asserting infringement of the same patent and by the same accused products that are asserted in this case. Plaintiff dismissed the prior suit before filing this suit. As a result of the prior suit, Defendants had notice and actual or constructive knowledge of their infringement of the patent-in-suit since at least

May 2020, before the filing of this case. Further, Defendants had knowledge of their infringement of the patent-in-suit before the filing of this Amended Complaint.¹

25. Since at least May 2020, through its actions, Defendants have actively induced product makers, distributors, retailers, and/or end users of the Accused Products to infringe the ‘921 Patent throughout the United States, including within this judicial district, by, among other things, advertising and promoting the use of the Accused Products in various websites, including providing and disseminating product descriptions, operating manuals, and other instructions on how to implement and configure the Accused Products. Examples of such advertising, promoting, and/or instructing include the documents at:

- <https://www.networkworld.com/article/2179414/dell-takes-deeper-dive-into-networking--buys-force10.html>
- <https://www.force10networks.com/CSPortal20/KnowledgeBase/DOCUMENTATION/>

¹ Dell filed a motion to dismiss that is mooted by this amended complaint. Dell’s motion cites a WDTX case (which relies authority from the District of Delaware) for the proposition that knowledge of a plaintiff’s patent after the lawsuit was filed is insufficient to plead the requisite knowledge for indirect infringement. *See Aguirre v. Powerchute Sports, LLC*, No. SA-10-CV-0702 XR, 2011 WL 2471299, at *3 (W.D. Tex. June 17, 2011) (citing *Xpoint Techs. v. Microsoft Corp.*, 730 F.Supp.2d 349 (D. Del. 2010)). Several Delaware courts have since rejected this rule because there is no statutory basis to support it and because there is no purpose served by the formality of requiring the plaintiff to file an amended complaint in order to be allowed to assert knowledge of the patents during the period following the filing of the original complaint. *See Walker Digital, LLC v. Facebook, Inc.*, 852 F. Supp. 2d 559, 566 (D. Del. 2012) (“The court acknowledges that this result is inconsistent with its prior decisions in *Xpoint Techs. v. Microsoft Corp.*, 730 F.Supp.2d 349 (D.Del.2010), and *EON Corp. IP Holdings LLC v. FLO TV Inc.*, 802 F.Supp.2d 527 (D. Del. 2011). Given the ease of amendment, the limitation of damages to post-knowledge conduct, and in the interests of judicial economy, the court finds that the better reasoning is to allow a complaint that satisfies Rule 8 to proceed to discovery rather than dismissing it for lack of pre-filing knowledge when, by the time the motion to dismiss has been filed, defendant in fact has the requisite knowledge as pled by plaintiff.”); *see also IOENGINE, LLC v. PayPal Holdings, Inc.*, CV 18-452-WCB, 2019 WL 330515, at *4 (D. Del. Jan. 25, 2019) (“The Court sees no purpose that would be served by the formality of requiring IOENGINE to file an amended complaint in order to be allowed to assert knowledge of the patents during the period following the filing of the original complaint.”).

[CLIConfig/FTOS/All CONFIG%20Book 8212 13-Oct-09.pdf](#)

- https://cdn.competec.ch/documents/3/9/392428/DE_Handbuch_switch.pdf
- <https://www.dell.com/support/article/us/en/04/how11548/how-to-install-dell-networking-ftos-on-dell-open-networking-on-switches?lang=en>

26. Since at least May 2020, through its actions, Defendants have contributed to the infringement of the ‘921 Patent by having others sell, offer for sale, or use the Accused Products throughout the United States, including within this judicial district, with knowledge that the Accused Products infringe the ‘921 Patent. The Accused Products are especially made or adapted for infringing the ‘921 Patent and have no substantial non-infringing use. For example, in view of the preceding paragraphs, the Accused Products contain functionality which is material to at least one claim of the ‘921 Patent.

JURY DEMAND

Brazos hereby demands a jury on all issues so triable.

REQUEST FOR RELIEF

WHEREFORE, Brazos respectfully requests that the Court:

(A) Enter judgment that Defendants infringe one or more claims of the ‘921 Patent literally and/or under the doctrine of equivalents;

(B) Enter judgment that Defendants have induced infringement and continue to induce infringement of one or more claims of the ‘921 Patent;

(C) Enter judgment that Defendants have contributed to and continue to contribute to the infringement of one or more claims of the ‘921 Patent;

(D) Award Brazos damages, to be paid by Defendants in an amount adequate to compensate Brazos for such damages, together with pre-judgment and post-judgment interest for

the infringement by Defendants of the '921 Patent through the date such judgment is entered in accordance with 35 U.S.C. § 284, and increase such award by up to three times the amount found or assessed in accordance with 35 U.S.C. § 284;

(E) Declare this case exceptional pursuant to 35 U.S.C. § 285; and

(F) Award Brazos its costs, disbursements, attorneys' fees, and such further and additional relief as is deemed appropriate by this Court.

Dated: May 19, 2020

Respectfully submitted,

/s/ James L. Etheridge

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Texas State Bar No. 24059147

Ryan S. Loveless

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COUNSEL FOR PLAINTIFF

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JURISDICTION AND VENUE

6. This is an action for patent infringement which arises under the Patent Laws of the United States, in particular, 35 U.S.C. §§ 271, 281, 284, and 285.

7. This Court has jurisdiction over the subject matter of this action under 28 U.S.C. §§ 1331 and 1338(a).

8. This Court has specific and general personal jurisdiction over each defendant pursuant to due process and/or the Texas Long Arm Statute, because each defendant has committed acts giving rise to this action within Texas and within this judicial district. The Court's exercise of jurisdiction over each defendant would not offend traditional notions of fair play and substantial justice because each defendant has established minimum contacts with the forum. For example, on information and belief, each defendant has committed acts of infringement in this judicial district, by among other things, selling and offering for sale products that infringe the asserted patent, directly or through intermediaries, as alleged herein.

9. Venue in the Western District of Texas is proper pursuant to 28 U.S.C. §§1391 and/or 1400(b). Each defendant has established places of business in the Western District of Texas. Each defendant is registered to do business in Texas. Upon information and belief, each defendant has transacted business in this District and has committed acts of infringement in this District.

COUNT ONE - INFRINGEMENT OF
U.S. PATENT NO. 8,402,129

10. Brazos re-alleges and incorporates by reference the preceding paragraphs of this Complaint.

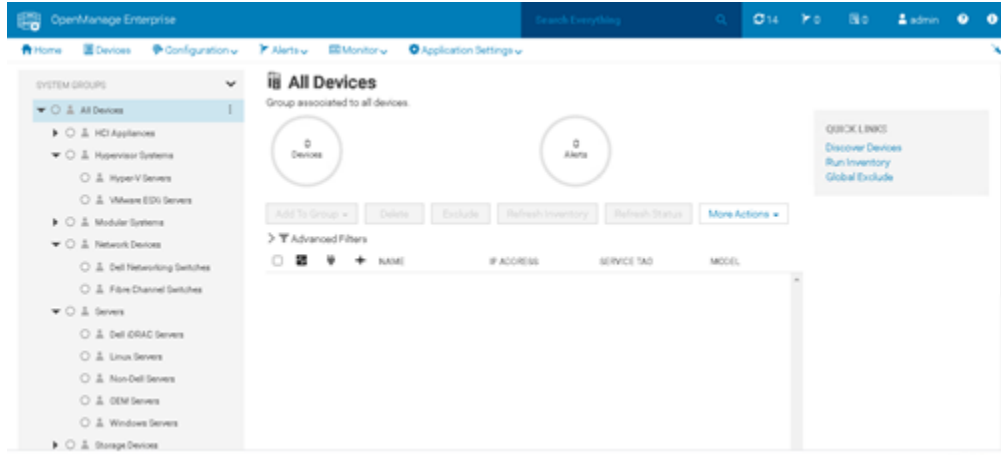
11. On March 19, 2013, the United States Patent and Trademark Office duly and legally issued U.S. Patent No. 8,402,129 (“the ‘129 Patent”), entitled “Method and Apparatus for Efficient Reactive Monitoring.” A true and correct copy of the ‘129 Patent is attached as Exhibit A to this Complaint.

12. Brazos is the owner of all rights, title, and interest in and to the ‘129 Patent, including the right to assert all causes of action arising under the ‘129 Patent and the right to any remedies for the infringement of the ‘129 Patent.

13. Defendants make, use, sell, offer for sale, import, and/or distribute in the United States, including within this judicial district, products such as, but not limited to, network management systems, including but not limited to, Dell EMC OpenManage Enterprise and Dell OpenManage Enterprise (OME) and OpenManage Network Manager (OMNM) applications (collectively, the “Accused Products”).

14. The Accused Products can provide a console for managing hardware devices, including Dell servers, storage arrays, tape libraries, network devices (switches/routers), printers, and clients distributed throughout a network. Dell OME can be integrated with OMNM to view networking information. From a central console, an administrator can exercise control based on proactive alerts and notifications.

15. Various devices that can be discovered and monitored by Dell OME.



Product Testing.

16. Dell OME identifies systems experiencing problems and alerts the administrator to help reduce the risk of system downtime. Using the web-enabled graphical user interface, one can monitor systems within the network.



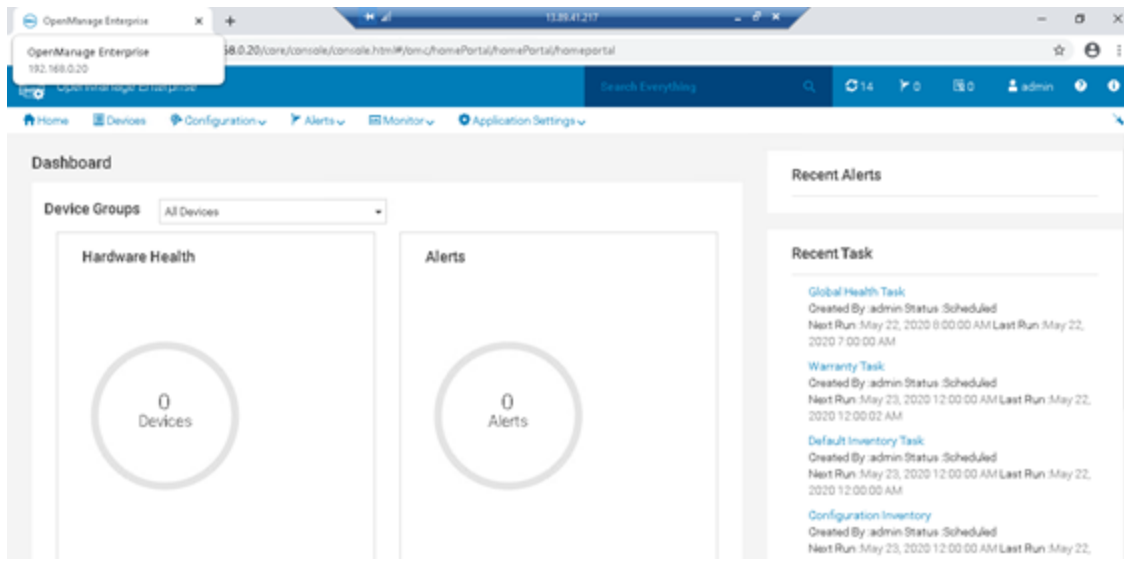
Dell EMC OpenManage Enterprise is an intuitive infrastructure management console. It is designed to take the complexity out of IT infrastructure management. It delivers better results with less time and fewer steps. OpenManage Enterprise helps IT professionals balance time and energy between complex IT infrastructure and business goals.

<https://www.delltechnologies.com/en-us/solutions/openmanage/enterprise.htm>

OpenManage Enterprise

OpenManage Enterprise (OME) is a hardware management and monitoring console that provides a comprehensive view of devices. These devices include servers, chassis, network switches, and other third-party devices on the enterprise network. OME is designed with a focus

https://topics-cdn.dell.com/pdf/dell-openmanage-enterprise-v32_api-guide2_en-us.pdf



Product Testing

17. Dell OME monitors various resources (e.g. “current” of system board) of nodes (i.e. monitored device) within the network. As an example, the alert with MESSAGE ID -

AMP0302 is generated for a monitored device when the system board current of the device (i.e. usage of resource) reaches beyond the upper warning threshold.

Alerts

Alert Log Alert Policies Alert Definitions

> **Advanced Filters**

SEVERITY	MESSAGE ID	MESSAGE	CATEGORY	SUBCATEGORY
Warning	AMP0300	The system board S(0) current is less than the lower warning threshold.	System Health	Amperage
Critical	AMP0301	The system board S(0) current is less than the lower critical threshold.	System Health	Amperage
Warning	AMP0302	The system board S(0) current is greater than the upper warning thresh...	System Health	Amperage
Critical	AMP0303	The system board S(0) current is greater than the upper critical threshol...	System Health	Amperage
Critical	AMP0304	The system board S(0) current is outside of range.	System Health	Amperage
Info	AMP0305	The system board S(0) current is within range.	System Health	Amperage
Warning	AMP0306	Disk drive bay S(0) current is less than the lower warning threshold.	System Health	Amperage
Critical	AMP0307	Disk drive bay S(0) current is less than the lower critical threshold.	System Health	Amperage
Warning	AMP0308	Disk drive bay S(0) current is greater than the upper warning threshold.	System Health	Amperage
Critical	AMP0309	Disk drive bay S(0) current is greater than the upper critical threshold.	System Health	Amperage
Critical	AMP0310	Disk drive bay S(0) current is outside of range.	System Health	Amperage
Info	AMP0311	Disk drive bay S(0) current is within range.	System Health	Amperage
Warning	AMP0312	System level current is less than the lower warning threshold.	System Health	Amperage

AMP0300

Detailed Description:
The system board S(0) current is less than the lower warning threshold.

Recommended Action:
Review system power policy, check system logs for power related failures, and review system configuration changes.

Event Source Information:
Amperage

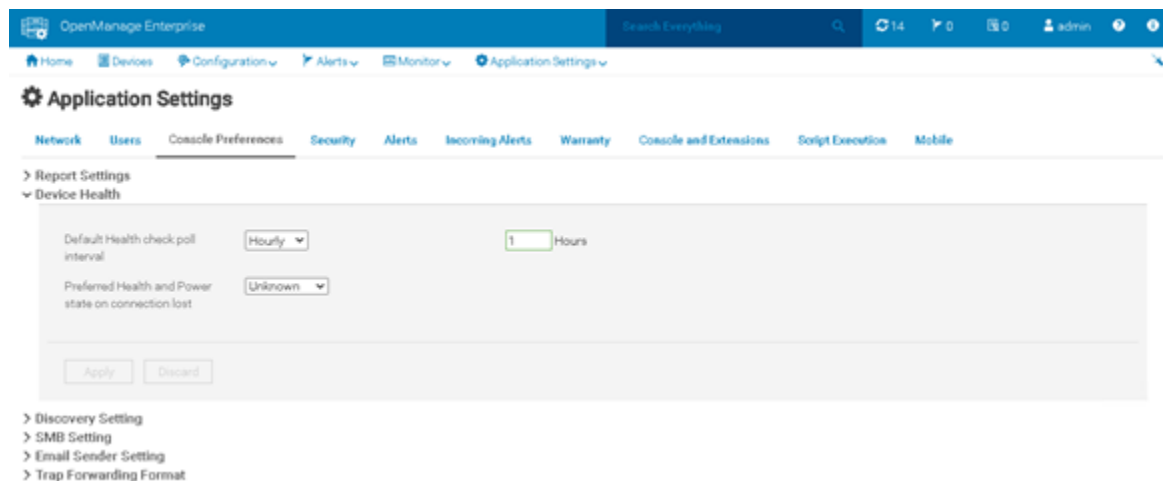
Severity:
Warning

Product Testing.

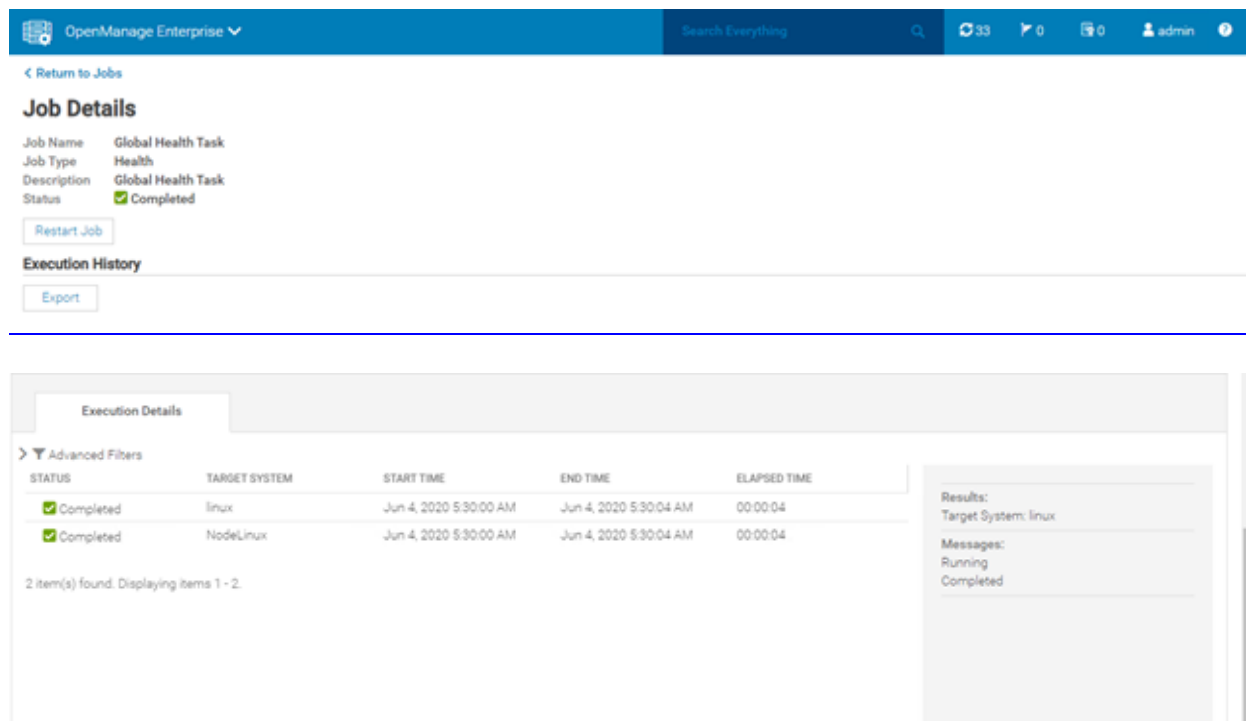
18. The Accused Products poll the monitored devices on regular user-defined time interval bases irrespective of any alerts received from the monitoring devices. Dell OME provides independent settings and functionalities for alert policies and health check polling.

19. Dell OME provides the ability for a user to define the time interval for the health poll recurrence and a Global health task performs the job repeatedly to poll the health of the devices in defined time intervals irrespective of the alerts received by Dell OME. When an alert

is received, the polling of the devices may occur independently at the user-defined interval (i.e. irrespective of the alert).



Product Testing.



Product Testing.

20. In view of preceding paragraphs, each and every element of at least claim 3 of the ‘129 Patent is found in the Accused Products.

21. Defendants continue to directly infringe at least one claim of the ‘129 Patent, literally or under the doctrine of equivalents, by making, using, selling, offering for sale, importing, and/or distributing the Accused Products in the United States, including within this judicial district, without the authority of Brazos.

22. And upon information and belief, each and every element of at least one claim of the patent-in-suit is performed or practiced by Defendants at least through Defendants’ own use and configuration of its own Accused Products, and/or through Defendants’ own testing and configuration of its own Accused Products, and/or through Defendants’ providing services for its Accused Products, including but not limited to providing installation, deployment, support and configuration of its Accused Products.

23. In May 2020, Plaintiff filed a suit against Defendants asserting infringement of the same patent and by the same accused products that are asserted in this case. Plaintiff dismissed the prior suit before filing this suit. As a result of the prior suit, Defendants had notice and actual or constructive knowledge of their infringement of the patent-in-suit since at least May 2020, before the filing of this case. Further, Defendants had knowledge of their infringement of the patent-in-suit before the filing of this Amended Complaint.¹

24. Since at least May 2020, through its actions, Defendants have actively induced product makers, distributors, retailers, and/or end users of the Accused Products to infringe the

¹ Dell filed a motion to dismiss that is mooted by this amended complaint. Dell’s motion cites a WDTX case (which relies authority from the District of Delaware) for the proposition that knowledge of a plaintiff’s patent after the lawsuit was filed is insufficient to plead the requisite knowledge for indirect infringement. *See Aguirre v. Powerchute Sports, LLC*, No. SA-10-CV-0702 XR, 2011 WL 2471299, at *3 (W.D. Tex. June 17, 2011) (citing *Xpoint Techs. v. Microsoft Corp.*, 730 F.Supp.2d 349 (D. Del. 2010)). Several Delaware courts have since rejected this rule

‘129 Patent throughout the United States, including within this judicial district, by, among other things, advertising and promoting the use of the Accused Products in various websites, including providing and disseminating product descriptions, operating manuals, and other instructions on how to implement and configure the Accused Products. Examples of such advertising, promoting, and/or instructing include the documents at:

- <https://www.delltechnologies.com/en-us/solutions/openmanage/enterprise.htm>
- https://topics-cdn.dell.com/pdf/dell-openmanage-enterprise-v32_api-guide2_en-us.pdf
- <https://www.dell.com/support/article/en-us/sln312494/support-for-openmanage-essentials?lang=en>
- <https://www.dell.com/support/article/en-us/sln310714/support-for-openmanage-enterprise?lang=en>
- <https://www.dell.com/us/bsd/p/dell-openmanage-network-manager/pd?c=us&cs=04&l=en&s=bsd&redirect=1>
- <https://www.youtube.com/watch?v=MNIJNVbeXLE>
- https://topics-cdn.dell.com/pdf/openmanage-essentials-v25_users-guide_en-us.pdf
- <https://topics-cdn.dell.com/pdf/dell-openmanage-server-administrator->

because there is no statutory basis to support it and because there is no purpose served by the formality of requiring the plaintiff to file an amended complaint in order to be allowed to assert knowledge of the patents during the period following the filing of the original complaint. *See Walker Digital, LLC v. Facebook, Inc.*, 852 F. Supp. 2d 559, 566 (D. Del. 2012) (“The court acknowledges that this result is inconsistent with its prior decisions in *Xpoint Techs. v. Microsoft Corp.*, 730 F.Supp.2d 349 (D.Del.2010), and *EON Corp. IP Holdings LLC v. FLO TV Inc.*, 802 F.Supp.2d 527 (D. Del. 2011). Given the ease of amendment, the limitation of damages to post-knowledge conduct, and in the interests of judicial economy, the court finds that the better reasoning is to allow a complaint that satisfies Rule 8 to proceed to discovery rather than dismissing it for lack of pre-filing knowledge when, by the time the motion to dismiss has been filed, defendant in fact has the requisite knowledge as pled by plaintiff.”); *see also IOENGINE, LLC v. PayPal Holdings, Inc.*, CV 18-452-WCB, 2019 WL 330515, at *4 (D. Del. Jan. 25, 2019) (“The Court sees no purpose that would be served by the formality of requiring IOENGINE to file an amended complaint in order to be allowed to assert knowledge of the patents during the period following the filing of the original complaint.”).

[v8.3_connectivity-guide_en-us.pdf](#)

- <http://www.doradosoftware.com/assets/downloads/omnm/omnmv8userguide.pdf>
- <https://www.dell.com/support/manuals/us/en/04/dell-openmanage-essentials-v2.2/ome22ug/status-polling-schedule-settings?guid=guid-1a47107a-e2c9-4102-b2e3-938477093317&lang=en-us>
- https://downloads.dell.com/manuals/all-products/esuprt_ser_stor_net/esuprt_networking/dell-openmanage-network-manager_owners-manual4_en-us.pdf

25. Since at least May 2020, through its actions, Defendants have contributed to the infringement of the ‘129 Patent by having others sell, offer for sale, or use the Accused Products throughout the United States, including within this judicial district, with knowledge that the Accused Products infringe the ‘129 Patent. The Accused Products are especially made or adapted for infringing the ‘129 Patent and have no substantial non-infringing use. For example, in view of the preceding paragraphs, the Accused Products contain functionality which is material to at least one claim of the ‘129 Patent.

JURY DEMAND

Brazos hereby demands a jury on all issues so triable.

REQUEST FOR RELIEF

WHEREFORE, Brazos respectfully requests that the Court:

(A) Enter judgment that Defendants infringe one or more claims of the ‘129 Patent literally and/or under the doctrine of equivalents;

(B) Enter judgment that Defendants have induced infringement and continue to induce infringement of one or more claims of the ‘129 Patent;

(C) Enter judgment that Defendants have contributed to and continue to contribute to the infringement of one or more claims of the ‘129 Patent;

(D) Award Brazos damages, to be paid by Defendants in an amount adequate to compensate Brazos for such damages, together with pre-judgment and post-judgment interest for the infringement by Defendants of the '129 Patent through the date such judgment is entered in accordance with 35 U.S.C. § 284, and increase such award by up to three times the amount found or assessed in accordance with 35 U.S.C. § 284;

(E) Declare this case exceptional pursuant to 35 U.S.C. § 285; and

(F) Award Brazos its costs, disbursements, attorneys' fees, and such further and additional relief as is deemed appropriate by this Court.

Dated: October 19, 2020

Respectfully submitted,

/s/ James L. Etheridge

James L. Etheridge

Texas State Bar No. 24059147

Ryan S. Loveless

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COUNSEL FOR PLAINTIFF

EXHIBIT 4

UNITED STATES DISTRICT COURT
Western District of Texas
WACO DIVISION

WSOU INVESTMENTS LLC	§	
	§	
vs.	§	NO: WA:20-CV-00475-ADA
	§	
DELL TECHNOLOGIES INC., DELL INC.,	§	
EMC CORPORATION		

ORDER GOVERNING PROCEEDINGS – PATENT CASE

This Order shall govern proceedings in this case. The following deadlines are hereby set:

This case is SET for a telephonic Rule 16 Case Management Conference on Wednesday, October 21, 2020 at 1:30 p.m. Participants shall dial into the following number 5 minutes before the scheduled time: **866.434.5269; access code 967-8090**. Lead counsel for each party, and all unrepresented parties, shall be present. Client representatives are welcome to attend, but such attendance is not required. In person attendance is permitted, but not required. Anyone planning to attend in person should so inform the Court by contacting chambers not later than two court days before the scheduled hearing so the Court can evaluate whether to hold the conference in the courtroom, or in chambers. The Court expects the parties to be prepared to discuss:

- a. an overview of the claims and defenses, including any unique issues the parties believe should be addressed at this stage of the case;
 - b. issues involving the case schedule and potential amendments to the Court's default scheduling order, including the date for the *Markman* Hearing;
 - c. issues relating to claim construction, including whether a live tutorial would be of benefit to the Court;
 - d. issues relating to discovery, including potential amendments to the Court's default discovery limits or Protective Order; and,
 - e. any other issues the parties believe would lead to the just, speedy and inexpensive determination of this action.
2. (Not later than 7 days before the CMC). Plaintiff shall serve preliminary infringement contentions in the form of a chart setting forth where in the accused product(s) each element of the asserted claims(s) are found. Plaintiff shall also identify the priority date (*i.e.*

the earliest date of invention) for each asserted claim and produce: (1) all documents evidencing conception and reduction to practice for each claimed invention, and (2) a copy of the file history for each patent in suit.

3. (Not later than 3 business days before the CMC). Lead counsel for each party shall meet and confer (either in person or by telephone), to discuss whether they believe the Court's default Scheduling Order and default Discovery Limits are appropriate for this case, and any issues relating to the management of this case they intend to raise at the CMC.
4. (Two weeks after the CMC). The Parties shall submit an agreed Scheduling Order. If the parties cannot agree, the parties shall submit a separate Joint Motion for entry of each Order briefly setting forth their respective positions on items where they cannot agree. Absent agreement of the parties, the Plaintiff shall be responsible for the timely submission of this and other Joint filings.
5. (Two weeks after the CMC). Deadline for Motions to Transfer. The Court also adopts the following page limits and briefing schedule for Motions to Transfer:
 - a. Opening – 15 pages
 - b. Response – 15 pages, due 14 days after the Opening brief
 - c. Reply – 5 pages, due 7 days after the Response brief
6. (Seven weeks after the CMC). Defendant shall serve preliminary invalidity contentions in the form of (1) a chart setting forth where in the prior art references each element of the asserted claim(s) are found, (2) an identification of any limitations the Defendant contends are indefinite or lack written description under section 112, and (3) an identification of any claims the Defendant contends are directed to ineligible subject matter under section 101. Defendant shall also produce (1) all prior art referenced in the invalidity contentions, (2) technical documents, including software where applicable, sufficient to show the operation of the accused product(s), and (3) summary, annual sales information for the accused product(s) for the two years preceding the filing of the Complaint,¹ unless the parties agree to some other timeframe.

DISCOVERY

Except with regard to venue, jurisdictional, and claim construction-related discovery, all other discovery is stayed until after the *Markman* hearing. Notwithstanding this general stay of discovery, the Court will permit limited discovery by agreement of the parties, or upon request, where exceptional circumstances warrant. For example, if discovery outside the United States is contemplated, the Court will be inclined to allow such discovery to commence before the *Markman* hearing.

¹ With regard to expired patents, the sales information shall be provided for the two years preceding expiration.

With respect to venue and jurisdictional discovery, the Court generally grants leave for the parties to conduct targeted discovery (including, but not limited to requests for production, interrogatories, and depositions) with regard to motions to transfer venue or motions to dismiss based on lack of jurisdiction. If the parties disagree as to what reasonable discovery limits are, the Court encourages the parties to contact the Court to request a telephonic discovery hearing.

Following the *Markman* hearing, the following discovery limits will apply to this case. The Court will consider reasonable requests to adjust these limits should circumstances warrant.

1. Interrogatories: 30 per side²
2. Requests for Admission: 45 per side
3. Requests for Production: 75 per side
4. Fact Depositions: 70 hours per side (for both party and non-party witnesses combined)
5. Expert Depositions: 7 hours per report³

Electronically Stored Information. As a preliminary matter, the Court will not require general search and production of email or other electronically stored information (ESI), absent a showing of good cause. If a party believes targeted email/ESI discovery is necessary, it shall propose a procedure identifying custodians and search terms it believes the opposing party should search. The opposing party can oppose, or propose an alternate plan. If the parties cannot agree, they shall contact chambers to schedule a call with the Court to discuss their respective positions.

DISCOVERY DISPUTES

A party may not file a Motion to Compel discovery unless: (1) lead counsel have met and conferred in good faith to try to resolve the dispute, and (2) the party has contacted the Court's law clerk (with opposing counsel) to arrange a telephone conference with the Court to summarize the dispute and the parties respective positions. After hearing from the parties, the Court will determine if further briefing is required.

PROTECTIVE ORDER

Pending entry of the final Protective Order, the Court issues the following interim Protective Order to govern the disclosure of confidential information in this matter:

If any document or information produced in this matter is deemed confidential by the producing party and if the Court has not entered a protective order, until a protective order is issued by the Court, the document shall be marked "confidential" or with some

² A "side" shall mean the plaintiff (or related plaintiffs suing together) on the one hand, and the defendant (or related defendants sued together) on the other hand. In the event that the Court consolidates related cases for pretrial purposes, with regard to calculating limits imposed by this Order, a "side" shall be interpreted as if the cases were proceeding individually. For example, in consolidated cases the plaintiff may serve up to 30 interrogatories on each defendant, and each defendant may serve up to 30 interrogatories on the plaintiff.

³ For example, if a single technical expert submits reports on both infringement and invalidity, he or she may be deposed for up to 14 hours in total.

other confidential designation (such as “Confidential – Outside Attorneys Eyes Only”) by the disclosing party and disclosure of the confidential document or information shall be limited to each party’s outside attorney(s) of record and the employees of such outside attorney(s).

If a party is not represented by an outside attorney, disclosure of the confidential document or information shall be limited to one designated “in house” attorney, whose identity and job functions shall be disclosed to the producing party 5 days prior to any such disclosure, in order to permit any motion for protective order or other relief regarding such disclosure. The person(s) to whom disclosure of a confidential document or information is made under this local rule shall keep it confidential and use it only for purposes of litigating the case.

CLAIM CONSTRUCTION ISSUES

Terms for Construction. Based on the Court’s experience, the Court believes that it should have presumed limits on the number of claim terms to be construed. The “presumed limit” is the maximum number of terms that the parties may request the Court to construe without further leave of Court. If the Court grants leave for the additional terms to be construed, depending on the complexity and number of terms, the Court may split the Markman hearing into two hearings.

The presumed limits based on the number of patents-in-suit are as follows:

Limits for Number of Claim Terms to be Construed

1-2 Patents	3-5 Patents	More than 5 Patents
10 terms	12 terms	15 terms

When the parties submit their joint claim construction statement, in addition to the term and the parties’ proposed constructions, the parties should indicate which party or side proposed that term, or if that was a joint proposal.

Claim Construction Briefing. The Court will require simultaneous claim construction briefing with the following default page limits; however, where exceptional circumstances warrant, the Court will consider reasonable requests to adjust these limits. These page limits shall also apply collectively for consolidated cases; however, the Court will consider reasonable requests to adjust page limits in consolidated cases where circumstances warrant. In addition, the Court is very familiar with the law of claim construction and encourages the parties to forego lengthy recitations of the underlying legal authorities and instead focus on the substantive issues unique to each case.

Unless otherwise agreed by the parties, all simultaneous filings will take place at 5:00 p.m. CT.

Page Limits for Markman Briefs

Brief	1-2 Patents	3-5 Patents	More than 5 Patents
Opening	20 pages	30 pages	30 pages, plus 5 additional pages for each patent over 5 up to a maximum of 45 pages
Response	20 pages	30 pages	30 pages, plus 5 additional pages for each patent over 5 up to a maximum of 45 pages
Reply	10 pages	15 pages	15 pages, plus 2 additional pages for each patent over 5 up to a maximum of 21 pages

Conduct of the Markman Hearing.

The Court generally sets aside one half day for the *Markman* hearing; however, the Court is open to reserving more or less time, depending on the complexity of the case and input from the parties. The Court requires submission of technology tutorials in advance of the *Markman* hearing when they may be of benefit. The parties may submit tutorials in electronic form not later than one week before the *Markman* hearing and the Court encourages the parties to aim for tutorials with voiceovers in the 15 minute range. If a party intends to present a live tutorial, the parties should contact the Court to set-up a Zoom or telephonic tutorial to occur at least a week before the *Markman* hearing. In general, tutorials should be: (1) directed to the underlying technology (rather than argument related to infringement or validity), and (2) limited to 15 minutes per side. For the Court's convenience, the tutorial may be recorded, but will not be part of the record. Parties may not rely on or cite to the tutorial in other aspects of the litigation.

The Court will consider the parties suggestions on the order of argument at the *Markman* hearing. However, if the parties do not suggest a different procedure, the Court will allow the Plaintiff to pick the first term and then alternate by term. As a general rule, if one side proposes "plain and ordinary meaning" as its construction or asserts that a term is indefinite, the other party shall go first.

GENERALISSUES

1. The Court does not have a limit on the number of motions for summary judgment (MSJs); however, absent leave of Court, the cumulative page limit for Opening Briefs for all MSJs is 40 pages per side.

2. There may be instances where the submission of substantive briefs via audio file will be of help to the Court. If a party is contemplating submitting a brief via audio file it should contact the Court for guidance on whether it would be helpful to the Court. However, the Court has determined that audio recordings of *Markman* briefs are of limited value and those need not be submitted. The recordings shall be made in a neutral fashion, shall be verbatim transcriptions without additional colloquy (except that citations and legal authority sections need not be included), and each such file shall be served on opposing counsel. The Court does not have a preference for the manner of recording and has found automated software recordings, as well as attorney recordings, to be more than satisfactory. Audio files shall be submitted via USB drive, Box (not another cloud storage), or email to the law clerk (with a cc to opposing counsel) and should be submitted in mp3 format.
3. The Court will entertain reasonable requests to streamline the case schedule and discovery and encourages the parties to contact the Court's law clerk (with opposing counsel) to arrange a call with the Court when such interaction might help streamline the case.
4. The Court is generally willing to extend the response to the Complaint up to 45 days if agreed by the parties. However, longer extensions are disfavored and will require good cause.
5. For *Markman* briefs, summary judgment motions, and *Daubert* motions, each party shall deliver to Chambers one (1) paper copy of its Opening, Response, and Reply Briefs, omitting attachments, no later than one week after the last-filed brief or at least a week before the hearing, whichever is earlier.
6. Plaintiff must file a notice informing the Court when an IPR is filed, the expected time for an institution decision, and the expected time for a final written decision, within two weeks of the filing of the IPR.
7. To the extent the parties need to email the Court, the parties should use the following email address: TXWDml_LawClerks_JudgeAlbright@txwd.uscourts.gov.

ORDERED this 5th day of October, 2020.


ALAN D ALBRIGHT
UNITED STATES DISTRICT JUDGE

APPENDIX A – DEFAULT SCHEDULE

Deadline	Item
7 days before CMC	Plaintiff serves preliminary ⁴ infringement contentions in the form of a chart setting forth where in the accused product(s) each element of the asserted claim(s) are found. Plaintiff shall also identify the earliest priority date (<i>i.e.</i> the earliest date of invention) for each asserted claim and produce: (1) all documents evidencing conception and reduction to practice for each claimed invention, and (2) a copy of the file history for each patent in suit.
2 weeks after CMC	Deadline for Motions to Transfer.
7 weeks after CMC	Defendant serves preliminary invalidity contentions in the form of (1) a chart setting forth where in the prior art references each element of the asserted claim(s) are found, (2) an identification of any limitations the Defendant contends are indefinite or lack written description under section 112, and (3) an identification of any claims the Defendant contends are directed to ineligible subject matter under section 101. Defendant shall also produce (1) all prior art referenced in the invalidity contentions, (2) technical documents, including software where applicable, sufficient to show the operation of the accused product(s), and (3) summary, annual sales information for the accused product(s) for the two years preceding the filing of the Complaint, unless the parties agree to some other timeframe.
9 weeks after CMC	Parties exchange claim terms for construction.
11 weeks after CMC	Parties exchange proposed claim constructions.
12 weeks after CMC	Parties disclose extrinsic evidence. The parties shall disclose any extrinsic evidence, including the identity of any expert witness they may rely upon with respect to claim construction or indefiniteness. With respect to any expert identified, the parties shall also provide a summary of the witness's expected testimony including the opinions to be expressed and a general description of the basis and reasons therefor. A

⁴The parties may amend preliminary infringement contentions and preliminary invalidity contentions without leave of court so long as counsel certifies that it undertook reasonable efforts to prepare its preliminary contentions and the amendment is based on material identified after those preliminary contentions were served, and should do so seasonably upon identifying any such material. Any amendment to add patent claims requires leave of court so that the Court can address any scheduling issues.

	failure to summarize the potential expert testimony in a good faith, informative fashion may result in the exclusion of the proffered testimony. With respect to items of extrinsic evidence, the parties shall identify each such item by production number or produce a copy of any such item if not previously produced.
13 weeks after CMC	Deadline to meet and confer to narrow terms in dispute and exchange revised list of terms/constructions.
14 weeks after CMC	Parties file Opening claim construction briefs, including any arguments that any claim terms are indefinite.
17 weeks after CMC	Parties file Responsive claim construction briefs.
19 weeks after CMC	Parties file Reply claim construction briefs.
20 weeks after CMC	Parties submit Joint Claim Construction Statement. In addition to filing, the parties shall jointly submit, via USB drive, Box (not another cloud storage), ⁵ or email to the law clerk, pdf versions of all as-filed briefing and exhibits. Each party shall deliver to Chambers paper copies of its Opening, Response, and Reply <i>Markman</i> Briefs, omitting attachments. Absent agreement of the parties, the Plaintiff shall be responsible for the timely submission of this and other Joint filings.
23 weeks after CMC (but at least 1 week before Markman hearing)	Parties submit optional technical tutorials. The parties shall also jointly submit, via USB drive, Box (not another cloud storage), or email to the law clerk, pdf versions of all as-filed briefing and exhibits.
24 weeks after CMC (or as soon as practicable)	Markman Hearing at [9:00 a.m. or 1:00 p.m.]
1 business day after Markman hearing	Fact Discovery opens; deadline to serve Initial Disclosures per Rule 26(a).
6 weeks after Markman hearing	Deadline to add parties.
8 weeks after Markman hearing	Deadline to serve Final Infringement and Invalidity Contentions. After this date, leave of Court is required for any amendment to Infringement or Invalidity contentions. This deadline does not relieve the Parties of their obligation to

⁵ To the extent a party wishes to use cloud storage, the parties should contact the law clerk to request a Box link so that the party can directly upload the file to the Court's Box account.

	seasonably amend if new information is identified after initial contentions.
12 weeks after Markman hearing	Deadline to amend pleadings. A motion is not required unless the amendment adds patents or patent claims.
26 weeks after Markman	Deadline for the first of two meet and confers to discuss significantly narrowing the number of claims asserted and prior art references at issue. Unless the parties agree to the narrowing, they are ordered to contact the Court's Law Clerk to arrange a teleconference with the Court to resolve the disputed issues.
30 weeks after Markman hearing	Close of Fact Discovery.
31 weeks after Markman hearing	Opening Expert Reports.
35 weeks after Markman hearing	Rebuttal Expert Reports.
38 weeks after Markman hearing	Close of Expert Discovery.
39 weeks after Markman hearing	Deadline for the second of two meet and confer to discuss narrowing the number of claims asserted and prior art references at issue to triable limits. To the extent it helps the parties determine these limits, the parties are encouraged to contact the Court's Law Clerk for an estimate of the amount of trial time anticipated per side. The parties shall file a Joint Report within 5 business days regarding the results of the meet and confer.
40 weeks after Markman hearing	Dispositive motion deadline and <i>Daubert</i> motion deadline.
42 weeks after Markman hearing	Serve Pretrial Disclosures (jury instructions, exhibits lists, witness lists, discovery and deposition designations).
44 weeks after Markman hearing	Serve objections to pretrial disclosures/rebuttal disclosures.
45 weeks after Markman hearing	Serve objections to rebuttal disclosures and File Motions <i>in limine</i> .

46 weeks after Markman hearing	File Joint Pretrial Order and Pretrial Submissions (jury instructions, exhibits lists, witness lists, discovery and deposition designations); file oppositions to motions <i>in limine</i>
47 weeks after Markman hearing	File Notice of Request for Daily Transcript or Real Time Reporting. If a daily transcript or real time reporting of court proceedings is requested for trial, the party or parties making said request shall file a notice with the Court and e-mail the Court Reporter, Kristie Davis at kmdaviscsr@yahoo.com Deadline to meet and confer regarding remaining objections and disputes on motions <i>in limine</i> .
3 business days before Final Pretrial Conference.	File joint notice identifying remaining objections to pretrial disclosures and disputes on motions <i>in limine</i> .
49 weeks after Markman hearing (or as soon as practicable)	Final Pretrial Conference. The Court expects to set this date at the conclusion of the <i>Markman</i> Hearing.
52 weeks after Markman hearing (or as soon as practicable) ⁶	Jury Selection/Trial. The Court expects to set these dates at the conclusion of the <i>Markman</i> Hearing.

⁶ If the actual trial date materially differs from the Court's default schedule, the Court will consider reasonable amendments to the case schedule post-*Markman* that are consistent with the Court's default deadlines in light of the actual trial date.